TOOLS - LUBRICANTS

QUICK LOCATOR GUIDE

Tools

MIS-MTR-014

S.E.E.S. #	O.E.M. #	Description
MIS-MTR-014	TK31A	**Multi-Meter Accessory Test Kit,** with carrying case. 4pc. Multi-Meter not included
MIS-MTR-015		**Manual Ranging Multi Mini Meter**
MIS-MTR-016		**Auto Ranging Multi Mini Meter**
MIS-MTR-050	24924	**Flow Meter,** LCD 26 GPM Flow 300 psi Max
MIS-MTR-051	24923	**Flow Meter,** Mechanical 32GPM 50 psi

MIS-216A

MIS-MTR-050

MIS-MTR-051

MIS-216B

Tachometer

The latest in micro-computer technology assures complete accuracy in measuring rotational, linear, and surface speeds. This battery operated device offers a wide speed range, large memory capacity, multi-mode speed selection, low voltage indicator, and an easy reading digital display window. Accessories included.

S.E.E.S. #	Description
MIS-216	**Digital Handheld Tachometer,** DT-105
MIS-216A	**Wheel Assembly** replacement for MIS-216, 6" circumference
MIS-216B	**Tach Wheel** 12" circumference

MIS-216

MIS-211

MIS-211C

MIS-211E

Door Pressure Gauges

S.E.E.S. #	O.E.M. #	Description
MIS-211		**Door Pressure Gauge**
MIS-211C		**Door Force Gauge,** SEES Door Force Measurement System
MIS-211E	475055	**Digital Force Gauge,** 220lbs & 980N, Measures Tension/Compression
MIS-211B	SE72142.5.25-1K	**Gauge Kit,** 0-1 PSI, with 1/4" NPT center back mounting

Jumper Kit

S.E.E.S. #	Description
SEES-JUMPER-001	**SEES Jumper Kit,** used for temporarily jumping out circuits while under repair. Jumper test lead with pouch, includes alligator clip, spring loaded plunger, lug terminal, + SEES Jumper Band
SEES-JUMPER-001F	**SEES Fused Jumper Kit,** Jumper test lead kit with pouch, 250V / 0.5A Glass Fuse
SEES-JUMPER-001K	**SEES Jumper Kit,** Test Kit with Pouch and Wrist Band
SEES-JUMPER-002	**SEES Jumper,** Time Out
SEES-JUMPER-003	**SEES Jumper,** Banana Plug 2mm x 60", Long Red 18AWG
SEES-JUMPER-004	**SEES Jumper,** Tip Black
SEES-JUMPER-005	**SEES Jumper,** Tip Red
SEES-JUMPER-006	**SEES Jumper kit,** 3 Gator Clips 6 Test Pins, Pouch, Wrist Band
SEES-JUMPER-007	**Magnetic Jumper**
SEES-JUMPER-008	**Safety Labels,** Bag of 25 Self Adhesive for Jumper Wires
SEES-JUMPER-009	**Jumper Adapter,** Bag of 4
SEES-JUMPER-BAND	**Wrist Band Safety Reminder,** wear while performing circuit repair, remove when job is completed and jumpers are removed. Band is marked, "No Jumper Left Behind"
SEES-JUMPER-POUCH	**SEES,** Jumper Pouch Only Blue with Velcro

SEES-JUMPER-001

SEES-JUMPER-BAND

SEES-JUMPER-003

SEES-JUMPER-005

Pumps

S.E.E.S. #	Description
MIS-TOOL-150	**Dynamometer / Scale,** 5,000 lbs. 5" diameter face with case
MIS-TOOL-200	**Transfer Pump,** 115V 5/8 inch ports, 300 GPH
MIS-TOOL-201	**Ports Utility Pump,** 1/2 HP, 3/4in. 115V, 100 psi

SEES-JUMPER-POUCH

MIS-TOOL-150

Valve Shut-Off Lever

S.E.E.S. #	Description
SEES-TOOL-001	**Valve Shut-Off Lever,** Dover, 12" Long

SEES-TOOL-001

Voltage Detectors

S.E.E.S. #	Description
SEES-TOOL-002	**Voltage Detector,** with Light, No Brand
SEES-TOOL-002S	**Voltage Detector,** with Light, SEES Brand

MIS-TOOL-200

Hand Taps

S.E.E.S. #	Description
MIS-TOOL-120	**Hand Tap,** 1/4" Standard
MIS-TOOL-121	**Hand Tap,** 3/8" Standard
MIS-TOOL-122	**Hand Tap,** 5/16" Standard

SEES-TOOL-002

Smartrise Tool

S.E.E.S. #	Description
SEES-SMARTRISE-TOOL	**Smartrise Debug Tool**

SEES-SMARTRISE-TOOL

TOOLS / LUBRICANTS

Hydraulic Tools

S.E.E.S.# MIS-FLT-001

Specifications

- 3/4 HP
- 10 GPM Pump
- 6 Micron Rated Filter
- Sump Strainer
- 9' Electric Cable
- 8" Hoses
- 10" Pneumatic Tires

MIS-FLT-008

MIS-FLT-009

MIS-FLT-010

MIS-FLT-012

MIS-FLT-R1

MIS-FLT-R2

MIS-FLT-R3

MIS-FLT-001P

MIS-FLT-002M

MIS-FLT-007

MIS-OIL-COOLER-001

S.E.E.S. #	Description
MIS-FLT-001	**Portable Filter Cart**
MIS-FLT-001P	**Oil Cart Pump,** Replacement
MIS-FLT-002	**Kidney Loop** Filtration System without mounting Kit
MIS-FLT-002M	**Kidney Loop** Filtration System with mounting Kit
MIS-FLT-007	**Breather,** Desiccant and Activated Carbon Moisture and Odor Control
MIS-FLT-008	**Breather,** Adapter
MIS-FLT-009	**Gasket Material**
MIS-FLT-010	**Pressure Gauge,** 2-1/2" Face, 0-600 PSI, 1/4" NPT
MIS-FLT-012	**Suction Strainer,** 3/4" NPT
MIS-FLT-013	**Ball Valve,** Low Pressure 1-1/2" Full Flow
MIS-FLT-IM284	**Motor Generator Filter,** 284A, 2 Cubes, 2 Panels
MIS-FLT-R1	**Replacement Element Cartridge,** Particle Removal, for MIS-FLT-001
MIS-FLT-R2	**Replacement Element Cartridge,** Water Removal, for MIS-FLT-001
MIS-FLT-R3	**Particulate Removal Element**
MIS-FLT-WH5014A	**Filter set frame,** 5014A 4 Panels
MIS-OIL-COOLER-001	**Oil Cooler,** hydraulic heat exchanger, 26,100 BTU/Hr Single Phase, 115/230V w/ hose, remote mount air to oil with Hydro motor and thermostat control
MIS-OIL-COOLER-003	**Tank Cooler,** direct mount over top of tank, requires no plumbing, 2,000 BTU/Hr, 36" x 14" x 8", auto start at 120° F
MIS-OIL-COOLER-FAN	**Fan,** Cooler AOC Series
MIS-OIL-COOLER-PUMP	**Pump,** Oil Cooler, Used on MEI's AOC and BOL

Hydraulic Tools
SEES Pressure Gauges and Adaptors

S.E.E.S. #	Description
SEES-HYD-PG	**SEES pressure gauge,** 1K PSI, for tanks, with ball valve
SEES-HYD-PG-001	**Pressure gauge elbow adaptor,** for Thyssen, fits 1/8" NPT x 1.26" OAL
SEES-HYD-PG-002	**Pressure gauge elbow adaptor,** for Otis, fits 1/4" NPT x 1.52" OAL
SEES-HYD-PG-003	**Pressure gauge elbow adaptor,** for Kone, fits 3/8" NPT x 1.76" OAL
SEES-HYD-PG-004	**Pressure gauge elbow adaptor,** fits 1/4" NPT x 1.81" OAL
SEES-HYD-PG-005	**SEES pressure gauge adaptor kit,** for Thyssen, Otis, Kone and other
SEES-HYD-PG-006	**SEES pressure gauge & hose,** 1K PSI, with quick connect
SEES-HYD-PG-007	**SEES pressure gauge kit,** all adaptors, pressure gauge and hose
SEES-HYD-PG-008	**Hose Only,** 3 ft with 1/4" FNPT x 1/8" MNPT
SEES-HYD-PG-009	**Quick Disconnect,** Female, 1/2-14 ISO 7241-1 Series B
SEES-HYD-PGP	**SEES Hydro Pressure Gauge Port,** quick release only
SEES-HYD-PGPF	**SEES Hydro Pressure Gauge Port,** Female quick release with 90 deg 1/8 elbow

SEES-HYD-PG-001   SEES-HYD-PG-002   SEES-HYD-PG-003

SEES-HYD-PG

SEES-HYD-PG-006

SEES-HYD-PG-004

SEES-HYD-PG-005

SEES-HYD-PG-007

SEES-HYD-PG-008

SEES-HYD-PGP

S.E.E.S. #	O.E.M. #	Description
MIS-211B	SE72142.5.25-1K	**Gauge Kit,** 0-1 PSI, with 1/4" NPT center back mounting

MIS-211B

Tools

EXTECH INSTRUMENTS

Multi-Meter Selection Guide

S.E.E.S. #	MIS-MTR-005	MIS-MTR-001	MIS-MTR-002	MIS-MTR-003	MIS-MTR-004	MIS-MTR-006
Model	MN-26	EX-410	EX-430	EX-470	MP-530	MM-570
Key Features	Compact Size	Best value with DMM functions and features at a low cost		Infa Red Thermometer with laser	Auto ranging and RS-232 PC Interface	"Highest Precision and resolution w/ 50,000 and 500,000 counts"

Special Functions

Basic Accuracy (VDC)	1%	0.50%	0.30%	0.30%	0.08%	0.02%
Temperature (Type K)	*	*	*	*	*	*
Temperature (InfraRed)				*		
Capacitance	*		*	*	*	*
Frequency	*		*	*	*	*
Logic Test						
Transistor						
Battery Test						
Signal Output						
Duty Cycle	*		*	*		*
Pulse/Period Width						

Features

True RMS			*	*	*	*
Autoranging	*		*	*	*	*
Counts	4000	2000	4000	4000	5000	50,000/500,000
Backlit Display		*	*	*	*	*
Data Hold	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*
Bargraph					*	*
Relative	*		*	*	*	*
Peak Hold					*	*
Min/Max					*	*
Input Alert		*	*	*		
Data logging						
PC Interface					*	*
Software					OPTIONAL	OPTIONAL
Category Rating	CAT II 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V
CE/UL	CE/UL	CE/UL	CE/UL	CE/UL	CE/UL	CE/UL
Warranty	1 YEAR	1 YEAR	3 YEARS	3 YEARS	3 YEARS	3 YEARS

Tools

EXTECH INSTRUMENTS

AC/DC Clamp on Meters

S.E.E.S. # MIS-MTR-008

Features:

- Maximum AC current of 600A
- Measure AC Current, AC/DC Voltage and Resistance
- Data Hold "freezes" data in display
- 1.25" (33mm) circular jaw opening for large cables (350MCM)
- Peak Hold captures in-rush currents
- Audible Continuity beeper
- Auto power off
- Complete with test leads, 9V battery, and carrying case
- True RMS voltage and current measurements
- AC/DC current to 600A
- Large 4000 count LCD display
- Capacitance measurements
- Temperature measurements
- Includes temperature probe

Specifications:

AC Current:	400A, 600A (Trms) (100mA)
DC Current:	400A, 600A (100mA)
DC Voltage:	400mV, 4V, 40V, 400V, 600V (0.1mV)
AC Voltage:	4V, 40V, 400V, 600V (Trms) (1mV)
Resistance:	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ (0.1Ω
Capacitance:	40nF, 400nF, 4µF, 40µF, 100µF (0.01nF)
Temperature:	-4 to 1400°F, -20 to 760°C (1°F/°C)
Continuity:	yes
Power:	9V battery
Dimensions:	3.1 x 8 x 1.6" (79 x 203 x 41mm)
Weight:	6.5oz (185g)

Basic Accuracy (%rdg+digits)

±(3.5% + 5d)
±(3.5% + 3d)
±(0.5% + 2d)
±(0.8% + 3d)
±(1% + 4d)
±(3.5% + 5d)
±(3.0% + 3°F/°C)

S.E.E.S. # MIS-MTR-009

Features:

- Full function auto ranging DMM includes AC/DC Voltage and Current, Resistance, Capacitance, Frequency, Duty Cycle, Diode and Continuity
- Current measurements to 2000A through the clamp and 240mA via test leads
- Large 5000 count backlit display for high resolution and easy viewing in dimly lit areas
- Basic DCV accuracy of 1% with 0.1mV resolution and current resolution to 0.1µA
- Rugged 2.36" jaws accommodate one 2000MCM or two 500MCM cables
- Features include DCA push button zero, Relative measurements and Data Hold
- Heavy duty ABS case with built-in stand and thumb control function switch
- Complete with test leads and 9V battery

Specifications Ranges Max. Resolution Basic Accuracy (%rdg+digits)

DC/AC Current (Clamp):	240A, 2000A 0.1A ±(2% + 5d)
DC/AC Current (DMM):	240µA, 2400µA, 24mA, 240mA 0.1µA ±(1.2% + 5d)
DC Voltage:	240mV, 2.4V, 24V, 240V, 1000V 0.1mV ±(1% + 2d)
AC Voltage:	2.4V, 24V, 240V, 1000V 1mV ±(1.2% + 5d)
Capacitance:	25nF, 250nF, 2.5µF, 25µF 0.01µF ±(3% + 5d)
Resistance:	240Ω, 2.4kΩ, 24kΩ, 240kΩ, 2.4MΩ, 24MΩ 0.1Ω ±(1% + 5d)
Frequency:	50Hz, 500Hz, 5kHz, 50kHz, 100kHz 0.001Hz ±(1% + 5d)
Duty Cycle:	0.1% to 99.9% 0.1% ±(1% + 5d)
Diode Check:	yes
Continuity:	yes
Dimensions/Weight:	10 x 2.9 x 1.5" (255 x 73 x 38mm)/14oz. (380g)

Tools
Special Purpose Meters

EXTECH
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S.E.E.S. # MIS-MTR-010

Wide Range Infrared Thermometer
Non-contact Infrared Thermometer with laser pointer
measures to 1000°F

Features:

- Wide range temperature measurements from
  -54°F to 1000°F without contact
- Large LCD display with backlighting
- Built-in laser pointer to improve aim
- °F/°C switchable
- Fixed emissivity (0.95) covers 90% of surface applications
- Narrow field of view
- Audible and visible overrange indicators
- Automatic Data Hold

Applications:

- Measure surface temperature of objects which
  are difficult to reach or unsafe to contact
- Measure hot spots in electrical panels and equipment
- In-process temperature measurements

Specifications:

Range:	-58 to 1000°F or -50 to 538°C
Accuracy:	±2% of reading or ±4°F/ 2°C (whichever is greater)
Resolution:	0.1°F/°C
Emissivity:	0.95 fixed
Display:	Backlit LCD
Power:	9V battery
Field of view:	8:1 (at 8" distance measure 1" target)
Dimensions:	8.3 x 3.5 x 1.5" (211 x 89 x 38mm)
Weight:	6.4oz. (200g)

S.E.E.S. # MIS-MTR-011

Digital Sound Level Meter
Big Display, RS-232 interface, and Background Noise Absorber

Features:

- Auto/Manual ranging from 30 to 130dB in 6 ranges
- Meets ANSI and IEC Type 2 standards
- A and C selectable frequency weightings
- Fast and Slow selectable response times
- Background noise absorber mode for machine noise
  measurements filters ambient noise
- Large 3 1/2 digit display with 0.1dB resolution
  with backlighting and analog bar graph
- Electret condenser microphone provides 1.5dB accuracy
- Min/Max plus analog output and tripod mount
- Max Hold latches maximum value on display
- RS-232 interface for capturing data directly
  on a PC, optional Windows® compatible software
- Complete with batteries and carrying case

Applications:

- Machine noise evaluation
- OSHA compliance testing
- Community noise measurement
- Noise ordinance
- PC interface for data collection

Digital Display:	3-1/2 digit (1999 count) Autorange LCD
Bargraph Display:	50dB display range (1dB resolution);
Measurement Range:	30 to 130dB (35 to 130dB for "C" weighting)
Resolution:	0.1dB
Accuracy:	±1.5 dB @ 94dB for a 1kHz sine wave
Microphone:	Electret Condensor .24" (6mm dia.) type
Frequency Weighting:	"A" and "C" type
Time Response:	Slow/Fast
Sampling time:	updates every 0.5 seconds
Measurement frequency range:	31.5Hz to 8KHz
Analog output:	AC: 0.707Vrms (full scale); DC: 10mVDC/dB
Applicable Standards:	IEC 651 Type 2, ANSI S1.4 Type 2
Power Supply:	9V battery, optional AC adaptor
Dimensions:	10 x 3.1 x 1.5" (256 x 80 x 38mm)
Weight:	8.5oz. (240g)

Tools
Special Purpose Meters

S.E.E.S. # MIS-MTR-011A

Digital Sound Level Meter
30-130dB(A) Range with Sound Simulation, Max/Min/Data Hold, Fast/Slow Mode, Self-Calibration Noise Meter

Features:

- Frequency weighting: A
- Frequency response: 31.5Hz — 8KHz
- Level ranges: 30dB 130dB (resolution: 0.1dB)
- Response time: (FAST)125ms,(SLOW)1000ms
- Overload indication: 30dB (UN display), 130dB (OL display)
- Accuracy: ±1.5dB (@1KHz Standard source)
- Auto power off: Auto shut down after approx 10 minutes of inactivity
- Low battery indication: 6V
- Sensor: 1/2 inch electret condenser microphone

Applications:

- Machine noise evaluation
- OSHA compliance testing
- Community noise measurement
- Noise ordinance
- PC interface for data collection

Measurement Range:	30 to 130dB (35 to 130dB for "C" weighting)
Resolution:	0.1dB
Accuracy:	±1.5 dB @ 94dB for a 1kHz sine wave
Microphone:	Electret Condensor .24" (6mm dia.) type
Frequency Weighting:	"A" and "C" type
Time Response:	Slow/Fast
Sampling time:	updates every 0.5 seconds
Measurement frequency range:	31.5Hz to 8KHz
Analog output:	AC: 0.707Vrms (full scale); DC: 10mVDC/dB
Power Supply:	9V battery
Dimensions:	2.12 x 7.48 x 1.38 "
Weight:	6oz. (170g)

S.E.E.S. # MIS-MTR-012

Combination Tachometer
Battery operated non-contact motion and RPM measurements

Features:

- Unique display where characters reverse direction depending on measurement mode you are in
- Large 0.4" 5 digit LCD digital display
- Microprocessor based with quartz crystal oscillator to maintain high accuracy
- Tachometer memory stores last, max and min readings
- Provides wide RPM (photo) and Linear Surface Speed (contact) measurements
- Microprocessor precision, accurate to 0.05%
- Permits readings to a resolution of 0.1 RPM in either photo or contact mode
- Complete with wheels for linear surface speed or RPM measurements, four 1.5 volt AA batteries, reflective tape and carrying case

Applications:

- Contact RPM Measurements for flywheels, conveyors, pumps and elevators
- Non-Contact RPM measurements for fans, motors & gears

Specifications Ranges Basic Accuracy Range (RPM): 5 to 99,999 0.5 to 20,000

Accuracy:	0.05% of reading +1 digit
Sampling Time:	1 Sec > 60 RPM 1 Sec > 6 RPM
Surface Speed:	0.2 to 6560 ft/min 0.05 to 1999.9m/min
Resolution:	0.1 RPM (< 1,000 RPM) 1 RPM >1000 RPM
Power:	4 AA batteries
Dimensions:	8.5 x 2.6 x 1.5" (215 x 65 x 38 mm)
Weight:	10.6 oz (300 g)

TOOLS / LUBRICANTS

Tools

EXTECH
INSTRUMENTS

MIS-MTR-032   MIS-MTR-034   MIS-MTR-035   MIS-MTR-036

Special Purpose Meters

S.E.E.S. # MIS-MTR-032

Photo Thermal Imaging Infrared Camera

Features:

- Pocket sized and fully automatic design makes it incredibly easy-to-use even for first time users--perfect for general purpose use
- 80 x 80 pixels for clear images
- Focus Free Lens
- 5 hour battery life
- 2.8" color LCD
- Only 12oz.
- Included memory card stores up to 500+ Radiometric JPEG images. Each image can be analysed using the included softaware.

Specifications :

Temperature range: 32 to 482°F
Resolution: 80 x 80 pixels
Accuracy: 2%
Thermal Sensitivity: 0.1°C

S.E.E.S. # MIS-MTR-033

Temperature/Humidity Wall Meter

Features:

- Min/Max reset
- 1 AAA Battery
- 1" Digits on large LCD
- Low battery indication
- Complete with built-in tilt stand, wall mounting bracket, and 1.5V AAA battery

MIS-MTR-033

S.E.E.S. # MIS-MTR-034

Meter, Light Measurement Up To 20,000Fc/20,000Lux

Features:

- Compact and rugged design with large display
- Low range model measures to 2,000Fc/ 20,000Lux
- Data Hold and Min/Max readings
- Auto power off

S.E.E.S. # MIS-MTR-035

Multimeter Adaptor, Ft Candle Light, ranges (0 to 5000Fc)

Features:

- A low cost alternative to a full size meter with display - simply plug into your multimeter for direct measurements in Foot candles
- Three measurement ranges (0 to 5,000Fc) with 5% accuracy
- 1mV/Fc output

S.E.E.S. # MIS-MTR-036

Light Meter, Foot Candle/Lux Incl Analog Output

Features:

- Accurately displays light level in terms of Fc or Lux over three ranges
- Select fast (1 second) or slow (2 seconds) response time
- Analog output of 1mV per count for capturing readings to a recorder

Tools

Door Wedge Tools

Safely perform maintenance and repair services with SEES series of door wedge tools

S.E.E.S. #	O.E.M. #	Description
DW-TOOL		**Door wedge tool**
MIS-DW-T1	SAF165	**Tool,** Door Wedge with Knob and fire tab slots
MIS-DW-T2	SAF164	**Tool,** Door Wedge with Knob standard without slot
MIS-DW-T3	10-851	**Door Wedge Tool,** with Knob, narrow door stop, 3/8" W
SEES-DWT-001		**SEES Door Wedge Tool,** Blue Poly
SEES-DWT-002		**SEES Door Wedge Tool,** Black Poly
SEES-DWT-002MR		**SEES Door Wedge Tool,** Metric, Rubber 70 Duro no slot
SEES-DWT-003		**SEES Door Wedge Tool,** Blue Poly with fire tab slot
SEES-DWT-004		**SEES Door Wedge Tool,** Black Poly with fire tab slot
SEES-DWT-004R		**SEES Door Wedge Tool,** Rubber 70 Duro with fire tab slot
SEES-DWT-005		**SEES Spring Door Wedge Tool,** Rubber Coated Spring Steel
SEES-DWT-006		**SEES Door Wedge Tool,** Stainless Steel Bottle Opener
DG-MT		**Door Gap,** Measuring tool

DW-TOOL (open, closed)

MIS-DW-T1

MIS-DW-T2

SEES-DWT-001

SEES-DWT-003

SEES-DWT-004R

SEES-DWT-002

SEES-DWT-005

SEES-DWT-006

Steel Diameter Measuring Tape

S.E.E.S. #	Description
MIS-165	**Steel Measuring Tape** for measuring the diameter of pistons or shafts. One side of this handy tape is an inch measurement and the other side inches of diameter by 64ths. Used to measure the circumference of pistons.

DG-MT

MIS-165

Lamp and Fuse Removers

S.E.E.S. #	Description
MIS-175	**Bulb Remover,** a useful aid in removing all types of lamps from hard to reach lamp sockets.
FM-100	**Fuse Puller Specialty Tool** for easy fuse removal and replacement
MIS-223	**Yellow stick,** insulated wire puller
MIS-223A	**Orange stick,** original, 7" long, 160 dia., 10 pack, wood

MIS-175

FM-100

MIS-223

Door Sill Cleaning Brush

S.E.E.S. #	Description
MIS-158	**Door sill cleaning brush,** heavy duty wire brush with wooden handle. It is the perfect tool for many jobs.

MIS-158

Vacuum Glass Handler

S.E.E.S. #	Description
MIS-220	**Vacuum Glass Handler** Super grip double 5" diameter vacuum cups to safely handle glass, 75lb Capacity
MIS-220A	**Vacuum Cup Lifter,** 5" Dia Dual Cups, 150lb Capacity

MIS-220

MIS-220A

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MIS-118

MIS-118A

MIS-118B

30334008

MIS-LOCK-001

Rail Blocks

S.E.E.S. #	Description
KOOL-RGB-001	**Rail Guide Block,** Brake Assembly with Inserts
KOOL-RGB-001A	**Rail Guide Block,** Replacement Pad. M12, Old Design Heat Treated
KOOL-RGB-001B	**Rail Guide Block,** Replacement Pad. M12, New Design Heat Treated
KOOL-RGB-001M	**Rail Guide Block,** Magnet 3/4" O.D. x 1/2" TK
KOOL-RGB-002	**Rail Guide Block,** Remblok 30mm, Standard
KOOL-RGB-002A	**Rail Guide Block,** Remblok 30mm
KOOL-RGB-003	**Rail Guide Block,** Remblok 40mm, Standard
KOOL-RGB-004	**Rail Guide Block,** Pivot Block Serrated
MIS-118	**Tool,** Rail blocks for 5/8" rail, 25,000 lb rating/pair
MIS-118A	**Tool,** Rail blocks for 5/8" rail with clevis (25,000lb/pair)
MIS-118B	**Replacement Set Screws,** for Rail Blocks, (Set of 6)

Ground Fault Protection

S.E.E.S. #	Description
30334008	**GFCI Plug,** right angle, with triple tap 2 ft.
30334052	**GFCI,** right angle, protected quad outlet box
30338018	**GFCI,** in-line cord set 18"
30338024	**GFCI,** in-line with triple tap 3 ft
30339005	**Adapter,** 3-wire outlet

30334052

30338018

30338024

30339005

Lock Out Tools

S.E.E.S. #	Description
MIS-LOCK-001	**Lock Out,** for Switch 1-1/2" Shk Master Red K/A, with key #600F41
MIS-LOCK-001A	**Key,** #600F41 Replacement for MIS-LOCK-001

SEES-WC-002W

SEES-WC-002WB

SEES-WC-002

Weight Test Cart

S.E.E.S. #	Description
SEES-WC-002	**SEES Weight Test Cart,** 500lbs
SEES-WC-002-RENTAL-D	**SEES Weight Test Cart,** 500lbs Daily Rental
SEES-WC-002-RENTAL-W	**SEES Weight Test Cart,** 500lbs Weekly Rental
SEES-WC-002-RENTAL-M	**SEES Weight Test Cart,** 500lbs Monthly Rental
SEES-WC-002W	**Weight Cart Wheel,** replacements
SEES-WC-002WB	**Weight Cart Wheel Bushing,** replacements
SEES-WC-003	**Weights,** 50lb casting
SEES-WC-004	**SEES Weight Test Cart,** 250lbs

SEES

Tools

S.E.E.S. #	Description
MIS-108	**Cable Jacket Remover** precision shears ease the removal of plastic, metal and rubber jacket from all round cables. Smooth positive cutting action.
MIS-108-A	**Blade Nose Guide,** replacement
MIS-108-B	**Cutter Blades,** replacement, 6/Pkg
MIS-109	**Inspection Mirror,** 1-1/8" diameter magnifying mirror has a 1/4" diameter handle that is set on a 45° angle.
MIS-111	**Contact Burnishing Tools,** 3" x 1/4" x .007" thick. Leaves no residue, insulated plastic handle, 5/pkg.
MIS-112	**Contact Burnishers,** Heavy-Duty 3-1/4" x 1/4" x .010" thick. Leaves no residue, insulated plastic handle, 5/Pkg.
MIS-050	**Flex Rail File,** 14" Flat Flex Rail File, 8 teeth per inch
MIS-050B	**File Handle,** Adj. heavy-duty metal plane type 12-14
MIS-113	**Spring Adjuster** with Offset .018"
MIS-114	**Spring Adjuster** with Offset .032"
MIS-115	**Adjuster Tool,** .40" and .028" slots
MIS-TOOL-003	**Step Drill Bits,** high speed steel, 10 hole sizes range from minimum 13/16" to maximum 1-3/8". Shank size 7/16"
MIS-TOOL-202	**Sill Height Gauge,** Imperial Slider Ruler
MIS-TOOL-202M	**Sill Height Gauge,** Metric Slider Ruler
MIS-TOOL-203	**Sill Height Gauge,** Imperial, S/S Slider
MIS-TOOL-203M	**Sill Height Gauge,** Metric, S/S Slider
WR-SJ-001	**Wire Rope Soft Jaws,** for use with vice grips (not included)
MIS-211D	**Gauge,** Wire Rope Tension
WR-MT	**Wire Rope Measuring Gauge,** for imperial sizes, go/no go style, use on rope diameters 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4". Blue anodized with SEES logo
WR-MT-ATIS	**Wire Rope MeasuringTool,** for imperial sizes, Marked with ATIS logo, Blue
WR-MT-NB	**Wire Rope Measuring Tool,** blue anodized without logo
WR-MT-METRIC	**Wire Rope Measuring Tool** for Metric Rope, measure rope diameter, go / no go. Blue anodized.
SEES-WR-SG	**Wire Rope Sheave Gauge,** (Metal) Sizes: 1/2, 9/16, 5/8, 3/4
SEES-WS-001	**SEES Wire Stripper Tool**
MIS-TOOL-008	**Snap Ring Pliers Set,** Internal & External

MIS-108

MIS-108-A

MIS-108-B
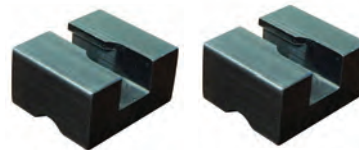

MIS-109

MIS-111

MIS-050

MIS-050B

MIS-TOOL-003

MIS-114

MIS-115

MIS-TOOL-202

WR-SJ-001

SEES-WS-001

MIS-211D

WR-MT

WR-MT-NB

WR-MT-METRIC

TOOLS / LUBRICANTS

Tools

S.E.E.S. #	O.E.M. #	Description
WR-CALIPER		**Digital Wire Rope Caliper,** only
WR-CALIPER-C		**Wire Rope Caliper,** with case, digital, measures inches and milimeters
WR-CALIPER-L		**Wire Rope Caliper,** Digital Digital 6" in/mm, Larger Jaw
G-TOOL-001	DRV-0009N	**Parameter Tool,** for MOVFR II Hand Held with 7FT Cable
G-TOOL-002	DRV-0003N	**Parameter Tool,** FR-PU04-7 Hand Held with 7FT Cable
G-TOOL-003	2500-3051	**Parameter Tool,** for MOVFE
GPC-201	MOVFR-0072N	**Drive,** 115 VAC for MOVFR II Oper Includes Drive Ribbon Cable
SEES-CABLE-USB-RJ45		**Programming Cable,** USB to RJ45
MIS-TOOL-001		**Flashlight,** 9 LED, extra bright, with SEES logo
MIS-TOOL-004	EMF-1	**Flashlight,** Extendable LED 6-21" with Magnetic Tip
MIS-TOOL-005	EMF-2	**Flashlight,** Extendable Magnetic LED 21" including inspection mirror & clip
MIS-TOOL-006	MSL-1	**Stick Light,** Magnetic LED Water Resistant, with AAA Battery
MIS-TOOL-007	PAL-1	**Area Light,** Pocket Size LED Water Resistant, with AAA Battery
MIS-TOOL-010		**Swaging Tool,** 24" Hand Swager For Wire Rope Aircraft Cable
MIS-TOOL-011	PJL-1	**Portable Light,** 10W COB LED, Cordless, Magnetic
MIS-147B-P	9875412	**Car Top Light,** magnetic base with flex neck & 25ft cord with plug
MIS-920		**Drop Light,** Fluorescent Work Light 120V 25' Cord with Outlet
MIS-921		**Drop Light,** Fluorescent Work Light 15W 25' Cord with 100V Tool Tap
MIS-922		**Drop Light,** Fluorescent Work Light 15W 50' Cord with 100V Tool Tap
LTT-1		**Service Tool,** LG Sigma OPP-2000
LTT-2		**Service Tool,** LG Sigma OPP-2000
SEES-BRGT-001	BTM-100	**Bearing Removal Tool,** for 1604 drive arm bearings

WR-CALIPER

WR-CALIPER-C

WR-CALIPER-L

G-TOOL-001

G-TOOL-002

MIS-TOOL-001

MIS-TOOL-004

MIS-TOOL-005

MIS-TOOL-006

MIS-TOOL-007

MIS-920

MIS-921

MIS-922

Relay Testers
Universal Multi-Volt Relay Tester

S.E.E.S. #	Description
MIS-301UTK ■ *Boards included, MIS-301UT1, MIS-301UT2, MIS-301UT4, MIS-301UT5, MIS-UT6, MIS-UT7 and MIS-UT11*	**Tester Kit,** Universal multi-volt relay tester with lamp test fixture and carrying case. Tests 2-12 pole relays including the following: P&B R1 relays, KU Series 2 and 3 pole relays, Omron MY/LY relays, Haughton 6 pole relays, IBM relaysm Input/Output modules
MIS-301UT	**Relay Tester,** universal, with case, AC/DCV boards sold separately or in a kit
MIS-301UT1	**Relay,** P&B R1- series
MIS-301UT2	**Relay,** KU series 2/3 pole
MIS-301UT3	**Board,** lamp test
MIS-301UT4	**Relay,** Omron MY type, 2/4 pole
MIS-301UT5	**Relay,** Omron LY type, 2 pole
MIS-301UT6	**Relay,** HRP-4BB/4BA
MIS-301UT7	**Relay,** IBM 4-12PDT, 45 VDC
MIS-301UT8	**Relay,** solid state, plug in
MIS-301UT9	**Relay Test Board,** I/O module for DRP-22 and DRP-22A
MIS-301UT10	**Relay Test Board,** I/O module for DRP-22H, DRP-22C, DRP-22F
MIS-301UT11	**Relay Test Board,** I/O module for DRP-22B & DRP-22G
MIS-301UT12	**Relay Test Board,** LY4N relay tester
MIS-301UT13	**Test Board,** Motion Control 100 VDC Safety Relay
MIS-301UT14	**Test Board,** for PR-36, 37 & PR-52 Guardian type relays
MIS-301UTF	**Main Fuse,** SEES relay tester 500MA
MIS-301UTF-C	**Coil Fuse,** SEES relay tester 250MA
MIS-301UT-IBM	**IBM Tester kit,** MIS-301UT with IBM test card

Includes Case

MIS-301UT

MIS-301UTF-C
MIS-301UTF

MIS-301UT-IBM
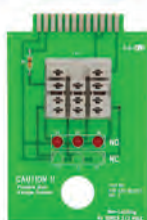
MIS-301UT1   MIS-301UT2   MIS-301UT3   MIS-301UT4   MIS-301UT5   MIS-301UT6
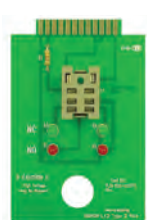
MIS-301UT7   MIS-301UT8   MIS-301UT10   MIS-301UT11   MIS-301UT12   MIS-301UT13
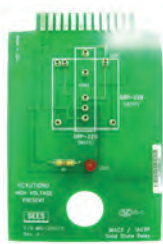
Specialty Test Equipment

S.E.E.S. #	O.E.M. #	Description
MIS-300T		**Relay tester.** Hall effect, non contact LED relay tester. Ideal for "ice cube" relays. Works with all voltages and currents.
MIS-301T		**Universal Relay Tester.** For IBM style relays.
MIS-310		**EEPROM Memory Copier**
MIS-311		**EEPROM Eraser** with Timer
MIS-312	A835RPLBOX	**PCB,** EDR assembly with box

MIS-300T

MIS-301T

TOOLS / LUBRICANTS

TOOLS / LUBRICANTS

Tools

Relay Adjuster's Tool Kit

Specially designed tools are a must for the technician or adjuster. The perfect assortment to quickly and efficiently check, adjust and trouble-shoot all types of relays, held in a strong vinyl case with pockets.

S.E.E.S. #	Description
MIS-116	**Relay Service Tool Kit,** Vinyl case contains: Thickness gauges, a spring tension gauge, contact burnishers, spring and armature adjusters, flat nose pliers, phillips screw driver, offset screwdrivers, inspection mirror, wrenches and a screw holding screwdriver.

MIS-116

Stud Welding Gun

S.E.E.S. #	Description
MIS-SWG-1	**Stud Welding Gun,** Gap gun G-1 with 10' cable
MIS-SWG-2	**Stud Welding Gun,** Contact gun C-1 with 10' cable
MIS-SWG-3	**Stud Welding Gun,** S-1 gun extended pistol with 15' cable
MIS-SWG-TIP-8	**Stud Welding Tip,** #8 Stud
MIS-SWK-1	**Stud Welder Kit,** Quickshot 1/4 capacity, specify gun
MIS-SWK-2	**Stud Welder Kit,** Modular 5/16" capacity, specify gun
MIS-SWK-3	**Stud Welder Kit,** Titan 3/8" capacity, specify gun
MIS-SWST-0610	**Stud Welder Kit,** Titan 3/8" capacity, specify gun
MIS-SWST-0650	**Welding Stud,** 6-32 x 0.50", Pack of 100
MIS-SWST-0810	**Stud Welder Kit,** Titan 3/8" capacity, specify gun
MIS-SWST-0850	**Welding Stud,** 8-32 x 0.50", Pack of 100
MIS-SWST-08075	**Welding Stud,** 8-32 x 0.75", Pack of 100
MIS-SWST-1010	**Stud Welder Kit,** Titan 3/8" capacity, specify gun

MIS-SWG-2

MIS-SWK-1

Commutator Treating Kit and Stone

This versatile tool is a must. Each kit contains an assortment of specialized stones and a flexible handle. Completely non-conductive for safe use.

S.E.E.S. #	Description
MIS-135	**Commutator Treating Kit** and brush seater contains a holder, and two each coarse, medium, finish, and extra finish stones, and four brush seater and seating stones.
MIS-136	**Handle Only,** for seating stones
MIS-137	**Replacement Stone,** Grade: Coarse, Red
MIS-138	**Replacement Stone,** Grade: Medium, Yellow
MIS-139	**Replacement Stone,** Grade: Finish, Green
MIS-140	**Replacement Stone,** Grade: Extra Finish, Black
MIS-141	**Replacement Stone,** Grade: FH Seater, White
MIS-186A	**Brush Seater and Commutator Cleaning Stones.** This popular Medium-Soft Grade stone, 1" x 1" x 4-3/4" long, is perfect for general purpose use. Additional sizes and grades also available each sold separately
MIS-186F	**Commutator Eraser,** 1" x 1" x 5" Rubrite flexible abrasive cleaning tool for commutator conditioning. Required for proper maintenance of generators and DC motors.

MIS-135

MIS-186A

Brush Seater

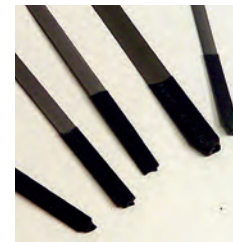| S.E.E.S. #	Description	L	W	H	Grade
MBS-001	**Brush Seater,** cleaning stones (pack of 1)	4-3/4"	2"	1-1/4"	MS
MBS-002	**Brush Seater,** cleaning stones (pack of 1)	4-3/4"	1"	1/2"	MS
MBS-003	**Brush Seater,** cleaning stones (pack of 1)	4-3/4"	3/4"	1/2"	MS
MBS-004	**Brush Seater,** cleaning stones (pack of 2)	4-3/4"	3/4"	1/4"	FH
MBS-005	**Brush Seater,** cleaning stones (pack of 4)	4-3/4"	1/2"	1/4"	FH
MBS-006	**Brush Seater,** cleaning stones (pack of 4)	4-3/4"	3/8"	1/4"	FH

MBS SERIES

Tools
Burnishing Tools

Designed to burnish and polish all types of contacts -- without removing virtually any precious metal. And they leave no grit.

S.E.E.S. #	Description	L	W	T	Pack
MBT-001	**Burnishing Tool,** Contact, plastic handle	4"	3/16"	.007"	12
MBT-002	**Burnishing Tool,** Contact, plastic handle	4"	3/16"	.007"	10
MBT-003	**Burnishing Tool,** Contact, plastic handle	3-1/2"	1/4"	.011"	10

MBT SERIES

Commutator Dressing and Finishing Stones
Commstone, Lathe-Type

S.E.E.S. #	Description	L	W	H	Grade
MCS-001	**Commstone,** Lathe-type w/ 1-1/2 wood block	5"	1"	1-1/2"	EP
MCS-002	**Commstone,** Lathe-type w/ 1-1/2 wood block	5"	1"	1-1/2"	F
MCS-003	**Commstone,** Lathe-type w/ 1-1/2 wood block	5"	1"	1-1/2"	M
MCS-004	**Commstone,** Lathe-type w/ 1-1/2 wood block	5"	1"	1-1/2"	P
MCS-005	**Commstone,** Lathe-type w/ 3 wood block	8"	1"	2"	F
MCS-006	**Commstone,** Lathe-type w/ 3 wood block	8"	1"	2"	M
MCS-007	**Commstone,** Lathe-type w/ 3 wood block	8"	1"	2"	P
MCS-008	**Commstone,** Lathe-type w/ 3 wood block	8"	1"	2"	EP
MCS-009	**Commstone,** Lathe-type no wood block	8"	1"	2"	EP
MCS-010	**Commstone,** Lathe-type w/ 1-1/2 wood block	8"	1"	1-1/2"	F
MCS-011	**Commstone,** Lathe-type w/ 1-1/2 wood block	8"	1"	1-1/2"	M
MCS-012	**Commstone,** Lathe-type w/ 1-1/2 wood block	8"	1"	1-1/2"	P
MCS-013	**Commstone,** Lathe-type w/ 1-1/2 wood block	8"	1"	1-1/2"	EP
MCS-014	**Commstone,** Lathe-type w/ 3 wood block	8"	1-1/2"	2-1/2"	EP
MCS-015	**Commstone,** Lathe-type w/ 3 wood block	8"	1-1/2"	2-1/2"	F
MCS-016	**Commstone,** Lathe-type w/ 3 wood block	8"	1-1/2"	2-1/2"	M
MCS-017	**Commstone,** Lathe-type w/ 3 wood block	8"	1-1/2"	2-1/2"	P

MCS SERIES
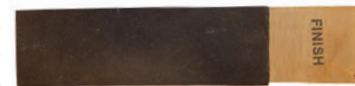
MCS-015

Commstone, Pencil-Type

S.E.E.S. #	Description	L	W	H	Grade
MCSP-001	**Commstone,** Pencil-type	6"	3/8"	1/4"	F
MCSP-002	**Commstone,** Pencil-type	6"	3/8"	1/4"	M
MCSP-003	**Commstone,** Pencil-type	6"	3/8"	1/4"	P
MCSP-004	**Commstone,** Pencil-type	6"	3/8"	1/4"	EP
MCSP-005	**Commstone,** Pencil-type	6"	1/2"	1/4"	M
MCSP-006	**Commstone,** Pencil-type	6"	1/2"	1/4"	P
MCSP-007	**Commstone,** Pencil-type	6"	3/8"	3/8"	F
MCSP-008	**Commstone,** Pencil-type	6"	3/8"	3/8"	M
MCSP-009	**Commstone,** Pencil-type	6"	3/8"	3/8"	P
MCSP-010	**Commstone,** Pencil-type	6"	3/8"	3/8"	EP
MCSP-011	**Commstone,** Pencil-type	6"	1/2"	3/8"	F
MCSP-012	**Commstone,** Pencil-type	6"	1/2"	3/8	M
MCSP-013	**Commstone,** Pencil-type	6"	1/2"	3/8"	P
MCSP-014	**Commstone,** Pencil-type	6"	5/8"	1/2"	F
MCSP-015	**Commstone,** Pencil-type	6"	5/8"	1/2"	M
MCSP-016	**Commstone,** Pencil-type	6"	5/8"	1/2"	P
MCSP-017	**Commstone,** Pencil-type	6"	3/4"	3/4"	EP
MCSP-018	**Commstone,** Pencil-type	6"	3/4"	3/4"	M
MCSP-019	**Commstone,** Pencil-type	6"	3/4"	3/4"	F
MCSP-020	**Commstone,** Pencil-type	6"	3/4"	3/4"	P
MCSP-021	**Commstone,** pocket combination	8"	2"	1"	M/P

MCSP SERIES

Grade Guide

GRADE M (Medium - 90 Grit) for use where only high mica or a small amount of copper is to be removed.

GRADE F (Fine - 120 Grit) recommended for general finishing, for periodic preventative maintenance or removing small ridges.

GRADE P (Extra Fine or Polishing - 220 Grit) for finishing or polishing / burnishing where a high mirror-like polish is desired.

GRADE EP (Extra Polish - 320 Grit) for finishing small commutators.

MCSP-002

Tools

MFFP SERIES

Grade Guide

80 Coarse

120 Medium

180 Fine

240 Extra Fine

320 Polish

Flexible Files

Plastone flexible files are made of hard abrasive materials pressed into a flexible core to enable you to bend or twist these tools any way you like to reach curved surfaces and otherwise hard-to-reach areas. They are non-conductive and impervious to oil and water.

S.E.E.S. #	Description	L	W	H	Grade
MFFP-001	Flexible File, Plastone 12/pack	1/4"	4-1/2"	.015"	240
MFFP-002	Flexible File, Plastone 12/pack	3/8"	4-1/2"	.015"	240
MFFP-003	Flexible File, Plastone 12/pack	1/4"	4-1/2"	.015"	320
MFFP-004	Flexible File, Plastone 12/pack	3/8"	4-3/4"	.015"	320
MFFP-005	Flexible File, Plastone 12/pack	3/8"	4-3/4"	.025"	120
MFFP-006	Flexible File, Plastone 12/pack	1/4"	4-1/2"	.020"	240
MFFP-007	Flexible File, Plastone 12/pack	3/8"	4-1/2"	.020"	240
MFFP-008	Flexible File, Plastone 12/pack	1/4"	4-1/2"	.020"	320
MFFP-010	Flexible File, Plastone 12/pack	3/8"	4-1/2"	.040"	180
MFFP-011	Flexible File, Plastone 12/pack	1/4"	4-1/2"	.040"	240
MFFP-012	Flexible File, Plastone 12/pack	3/8"	4-1/2"	.040"	240
MFFP-013	Flexible File, Plastone 12/pack	1/4"	4-1/2"	.040"	320
MFFP-014	Flexible File, Plastone 12/pack	3/8"	4-1/2"	.040"	320
MIS-186	Flexible File, Plastone 12/pack	3/8"	4-3/4"	.040"	80
MIS-185	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.020"	180
MIS-185A	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.040"	80
MIS-186B	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.040"	120
MFFP-019	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.040"	180
MFFP-020	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.040"	240
MFFP-021	Flexible File, Plastone 12/pack	7/8"	4-3/4"	.040"	120
MFFP-022	Flexible File, Plastone 12/pack	7/8"	4-3/4"	.040"	240
MFFP-023	Flexible File, Plastone 12/pack	7/8"	4-3/4"	.040"	320
MIS-186C	Flexible File, Plastone 12/pack	7/8"	4-3/4"	.070"	80
MIS-186D	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.070"	80
MIS-186E	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.070"	120
MFFP-026	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.070"	120
MFFP-027	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.070"	240
MFFP-028	Flexible File, Plastone 12/pack	1/2"	4-3/4"	.070"	320
MFFP-029	Flexible File, Plastone 12/pack	3/8"	4-3/4"	.070"	120
MFFP-030	Flexible File, Plastone 12/pack	3/8"	4-3/4"	.070"	180
MFFP-031	Flexible File, Plastone 12/pack	3/8"	4-3/4"	.070"	320
MFFP-032	Flexible File, Plastone 12/pack	7/8"	4-3/4"	.070"	80
MFFP-033	Flexible File, Plastone 12/pack	7/8"	4-3/4"	.070"	180
MFFP-034	Flexible File, Plastone 12/pack	7/8"	4-3/4"	.070"	120
MFFP-035	Flexible File, Plastone 12/pack	1/8"	4-1/2"	.020"	240
MFFP-036	Flexible File, Plastone 12/pack	1/8"	4-1/2"	.020"	320
MFFP-037	Flexible File, Plastone 12/pack	1/8"	4-1/2"	.020"	180

Flexible Abrasives

Used for hundreds of jobs - including metal cleaning, commutator burnishing and rust removal.

S.E.E.S. #	Description	L	W	H
MRR-001	Rubrite, unmounted	5"	3/8"	3/8"
MRR-002	Rubrite, unmounted	5"	5/8"	3/8"
MRR-003	Rubrite, unmounted	5"	1/2"	1/2"
MRR-004	Rubrite, unmounted	5"	1/2"	1"
MRR-005	Rubrite, unmounted	5"	1"	5/8"
MRR-006	Rubrite, unmounted	5"	3/4"	3/4"
MRR-008	Rubrite, unmounted	5"	2"	1"
MRR-009	Rubrite, unmounted	5"	3"	1"
MRR-010	Rubrite, unmounted	5"	1"	1/8"

MRR SERIES

Tools

Diamond Spatulas

S.E.E.S. #	Description
MDS-001	**Diamond Spatula,** Green, coarse grit
MDS-002	**Diamond Spatula,** Red, medium grit
MDS-003	**Diamond Spatula,** Blue, fine grit
MDS-KIT	**Diamond Spatula,** Kit, 1 of each (Green, Red, Blue)
MDS-KIT-001	**Diamond Spatula,** Kit 1 of each (Yellow, Red, Blue)

MDS-KIT

MDS-KIT-001

Identification Stencils

S.E.E.S. #	Description
Q-CARDS	**Cards Elevator Set,** Magnetic Stencils for Hoistway and Equipment Identification

Q-CARDS

Tools

S.E.E.S. #	Description
MBTS-001	**Brush Tension Scale,** 15 pounds
MIS-TOOL-008	**Snap Ring Pliers Set,** Internal & External
MU-001	**Undercutter,** Mica-Miller, 115V with standard head
WR-QBTM-2	**Quick-Balance Tension Meter**

MBTS-001

MU-001

Tool Box

S.E.E.S. #	Description
MIS-TOOL-BOX	**Portable Tool Chest,** Red, 20-1/2" Width x 9-5/8" Height x 8-5/8" Deep, 3 Storage drawers

SEES Tool Bag

S.E.E.S. #	Description
SEES-TOOL-TOTE	**Tool Tote,** with Soft Sides Heavy Duty, 12.5" L x 7.5" W x 5.5"

SEES-TOOL-BOX

SEES-TOOL-TOTE

Trash Bags, Brooms and Absorbent

S.E.E.S. #	Description
MIS-TRASH-BAGS	**30 gal. Black Trash Bags,** Heavy Duty Coreless Roll of 70
MIS-PUSH-BROOM	**Push Broom,** 24" Sweep Face
MIS-DUST-PAN	**Dust Pan,** Metal, 17"
MIS-ANGLE-BROOM	**Angle Broom,** 13" Sweep Face
MIS-ABSORBENT-001	**Absorbent,** Loose, 40 lb. Bag
MIS-WET-DRY-VAC	**Wet Dry Vac,** 5 Gallon Bucket Head

MIS-WET-DRY-VAC

ALPHA TAGS

MAGNETIC IDENTIFICATION STENCIL

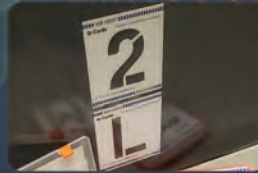ALPHA-NUMERIC IDENTIFICATION STENCIL
ELEVATOR SET

4.5" LETTERS

4.5" (11.4CM) ALPHA-NUMERIC TEXT
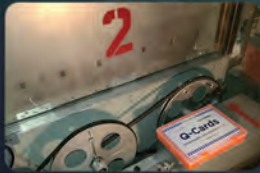
Application

MAGNETIC ALPHA-NUMERIC STENCILS

CREATE A CLEAN, BEAUTIFUL LANDING MARKING FOR THAT FINISHING TOUCH ON A WELL BUILT ELEVATOR

DON'T DO ANOTHER JOB WITHOUT ALPHA TAGS

Convenient & Simple
Easily slap on the magnet and with spray paint or a large felt pen, safely mark your landings or equipment.

Easily transported
Stencils come in a compact hard-shell carrying case for safekeeping.

Better than Paper
No more fumbling around with paper stencils an tape, these stencils allow for a faster hoistway marking experience and professional looking finish.

Kerning Gauge
A kerning gauge is included for uniform gaps between characters.

SEES Part#: Q-CARDS

CODE COMPLIANT
4.5" TEXT SIZE MEETS 2.9 ID REQUIREMENTS

Always Smooth Sailing

SEES
SOUTHERN ELEVATOR & ELECTRIC SUPPLY

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2781 West McNab Rd, Pompano Beach, FL 33069 • (800) 526-0026 • www.SEESinc.com

SEES

Tools

Screwdrivers and Fasteners

S.E.E.S. #	Description
MIS-126A	**Screwdriver,** Screwdriver with Ratchet and 12 Bits, Phillips #0, #1, #2, Slotted #4, Spanner #6 x #8, #10 x #12, Torx(R) T10 x T15, T20 x T25
MIS-126B	**#6 Spanner Bit**
MIS-126C	**#8 Spanner Bit**
MIS-126D	**#10 Spanner Bit**
MIS-126E	**Phillips Bit**
MIS-126F	**Torx Bit,** star point
MIS-126G	**Screwdriver,** 16-in-1, without Ratchet A590A
MIS-126H	**Screwdriver,** 15-in-1, Elevator Service and Repair
MIS-128	**Tamper Proof Screw,** 10/32 x 1", Nickel plated
MIS-129	**Tamper Proof Screw,** 10/32 x 2", Oval Head, stainless steel
MIS-131	**Tamper Proof Screw,** 8/32 x 1", Nickel plated
MIS-133	**Tamper Proof Screw,** 6/32 x 1", Nickel plated
MIS-128A	**Tinnerman Clip** for 10-32 thread
MIS-130MR	**Tamper Proof Screw,** M4x25mm, Round Hex Pack of 100
MIS-131A	**Tinnerman Clip** for 8-32 thread
MIS-132	**Screw,** Tamper Proof, 8-32 x 1-1/2
MIS-133A	**Tinnerman Clip** for 6-32 thread
MIS-134	**Tinnerman Clip** for 1/4 x 20 thread
MIS-134A	**Cage Nut,** .093 thru 126 thk used in Adams & Epco fixtures for 10-32 thread
MIS-159	**Security Seal,** lead seal with 10" monel wire to secure governor speed settings as required by inspectors for code compliance.
OB-100	**Tool,** manual driver for security fasteners used on Otis LRV car panels
OB-100A	**Security Screw,** LRV Car Panel screw used with OB-100
OB-101	**Tool,** Hall panel driver #6 A
MIS-130M	**Screw,** Tamperproof M4x25mm, Pan, Pack of 100, M4.7

photos enlarged to show detail

MIS-126A

MIS-126F

MIS-126G

MIS-128

MIS-129

MIS-131

MIS-133

MIS-131A

MIS-133A

MIS-134A

MIS-134

OB-100A

OB-100

MIS-159

MIS-100A

Solder Pot & Babbit

S.E.E.S. #	Description
MIS-TOOL-100	**Solder Pot,** 20lbs, 115 VAC 5" I.D. x 9" D, Adj temp 200-800F
MIS-TOOL-101	**Ladle,** 2.5" Bowl x 9.5" Long for solder pot
MIS-TOOL-103	**Babbit,** Lead Free pucks (Rohos)

MIS-TOOL-101

MIS-TOOL-103

MIS-TOOL-100

MIS-100D55

Lubricants

S.E.E.S. #	Description
MIS-100A	**Cable Lubricant,** 1 gallon. Keeps cables running smoother, more efficiently
MIS-100B	**Bearing Oil,** 1 gallon. Lubricates sleeve type bearings on motor generators
MIS-100C	**Detector Face Plate Cleanser,** 1/2 quart. Non-residual anti-static cleanser
MIS-100D	**Hydraulic Oil,** 1 gallon. Specially formulated for all types of hydraulic elevator pistons
MIS-100D5	**Hydraulic Oil,** AW32 5 gallon pail
MIS-100D55	**Hydraulic Oil,** AW32 55 gallon drum
MIS-100D55-BIO	**Hydraulic Oil,** Bio, 55 gallon drum
MIS-100P	**Grease,** Gear & Chain "Sling Free", 10.5oz tube

MIS-100D5

MIS-100P

Cleaners, Lubricants and Sealants

MIS-100K

MIS-100E5

MIS-100M

MIS-100Q

MIS-100S

MIS-CLEAN-WIPES

MIS-CLEAN-WIPES-001

MIS-171-KIT

MIS-100

MIS-104A

MIS-101B

Lubricants

S.E.E.S. #	Description
MIS-100E	**Worm Gear Oil,** 1 gallon. Lubricates worm gears
MIS-100E5	**Worm Gear Oil,** #7, 5 Gal Pail, 71011EP, 140Wt
MIS-100F	**Way Oil,** for Drive Chain, 1 gallon. Excellent grade to lubricate chain bushings and pins
MIS-100G	**Grease,** Multi-Purpose, 14 oz. General purpose lubricant
MIS-100H	**Buffer Oil #6,** 1 gallon. Anti-wear hydraulic oil formulated for door checks and oil buffers
MIS-100K	**Stepper Lube Kit,** assorted lubricants, specially formulated for maintaining stepping switch wear points. Prolongs life, improves performance
MIS-100L	**Rail Lube,** 1 gallon. Paraffin based lubricant designed for automatic rail lubricators
MIS-100M	**Lubriplate,** general purpose lock and linkage grease, 3/8 oz. tube
MIS-100Q	**Rail Lube,** 1 quart
MIS-100R	**Cable Lube,** 1 quart
MIS-100S	**Slipit Silcone-Free Liqui-Form** (Case, 15 Quart Bottles)
MIS-SPOUT-OILER	**Percision Spout Oiler,** with All-Purpose Oil

Cleaners

S.E.E.S. #	Description
MIS-SIMPLE-GREEN	**Simple Green,** All-Purpose Indutrial Cleaner / Degreaser, 1 Gallon
MIS-CLEAN-WIPES	**Heavy Duty Cleaning Wipes**
MIS-CLEAN-WIPES-001	**Heavy Duty Cleaning Wipes** for Stainless Steel

O-Ring Kit

S.E.E.S. #	Description
MIS-171-KIT	**O-Ring Assortment Kit,** Buna Size 006 Thru 334

Rope Oilers

Automatic Rope Oiler keeps ropes lubricated to increase the lifetime of rope up to 400%, and prevent rope grooves from wearing in the sheave.

S.E.E.S. #	Description
MIS-100	**Rope Oiler** with 9" wick
MIS-102	**Rope Oiler** with 12" Wick
MIS-100A	**Cable Lubricant,** used with MIS-100 & MIS-102
MIS-103	**Extension Bracket** for rope oiler
MIS-103A	**Replacement Wick** for all size oilers
MIS-103B	**Replacement Wick,** 1/2" x 6-1/2" x 12"
MIS-104	**Wire Rope Cleaning Kit**
MIS-104A	**Replacement Brush,** For MIS-104 Wire Rope Cleaning Assy
MIS-104B	**Wire Rope Cleaning Solution,** For MIS-104, 1 Gallon

Rail Lubricator

S.E.E.S. #	Description
MIS-101B	**Rail Lubricator** for 8 & 15 lb. Rails
MIS-101C	**Oiler Wick,** braided cotton, 1" x 7.5"
MIS-100L	**Rail Lube,** 1 gallon. Paraffin based lubricant designed for automatic rail lubricators, for use with MIS-101B Rail Lubricator

Cleaners, Lubricants and Sealants

X-Pando

The problem solver for over 60 years!

Special expanding cements for use with pipe couplings, ceramic and glass

- X-Pando Pipe Joint Compound - for threaded or flanged joints made of iron, steel, brass, copper, stainless steel or PVC.
- X-Pando Special No. 2 - pipe joint compound for cement lined pipes to be welded.

S.E.E.S. #	Description
MIS-XPANDO-001	**Pipe Joint,** Compound 14oz Can
MIS-XPANDO-002	**Pipe Joint,** Compound 70oz Can
MIS-XPANDO-003	**Pipe Joint,** Compound 25 lb drum
MIS-XPANDO-004	**Pipe Joint,** Compound 50 lb drum
MIS-XPANDO-005	**Pipe Joint,** Compound 100 lb drum
MIS-XPANDO-006	**Pipe Joint,** Compound Spec #2 14oz Can
MIS-XPANDO-007	**Pipe Joint,** Compound Spec #2 70oz Can

MIS-XPANDO-001

MIS-XPANDO-003

Polycel 100

This remarkable urethane sealant foam expands when activated by moisture in the air. The unique chemical properties dry in less than one hour, eliminates chain, counterweight, and pipe rattle problems. Muffles noise and seals and fills gaps wherever needed.

S.E.E.S. #	O.E.M. #	Description
MIS-215		**Polycel 100,** 12 oz. can, urethane sealant

S.E.E.S. #	O.E.M. #	Description
MIS-CHEM-002	53300LO	**Thermal Compound,** 3CC syringe

MIS-CHEM-002

MIS-215

CRC® Chemicals Products

S.E.E.S. #	Description
CRC-6	**Lectra-Clean®** 20 oz. spray can, specially formulated solvent for the cleaning & degreasing of dirty, corroded electrical equipment. It quickly removes grease, oil, wax, dirt, moisture and other foreign substances. Non-Conducting, non-corrosive, evaporates fast, leaves no residue. Ideal for heavy duty cleaning/degreasing applications.
CRC-6A	**Lectra-Clean®** 5 gallon pail, the same famous formula in an economical industrial size.
CRC-11	**Cable-Clean®** 20 oz. spray can, formulated to effectively remove contamination from semi-conducting jackets and insulations of high voltage cables before splicing and terminations. It may be used on a variety of elastometric and thermo plastic insulations and jackets. No flash or fire point, non-conductive, and non-corrosive to metals.
CRC-16	**Hydro Force Cleaner Degreaser®** 18 oz. spray can, quickly penetrates and removes grease and grime from washable surfaces. Safe for use on most metals, plastics, rubber compounds and fabrics. Perfect for use in the machine room, pit or for clean-ups anywhere. Keep plenty on hand.

CRC-6

CRC-11

CRC-16

Scientifically formulated to protect, preserve and improve performance of valuable equipment. Environmentally safe, no CFC's.

SEES Solutions
Formulated exclusively for the elevator professional.

TOOLS / LUBRICANTS

| SSEE-001 | SSEE-002 | SSEE-003 | SSEE-004 | SSEE-005 | SSEE-006 |

| SSEE-007 | SSEE-008 | SSEE-009 | SSEE-011 | SSEE-012 | SSEE-013 |

S.E.E.S. #	O.E.M. #	Product Description
SSEE-001	APA100CC	**Water & Temperature Resistant Grease.** Heat Stable. Deep Penetrating. NET WT. 11 OZ. (311 Grams)
SSEE-002	APA140CC	**Dry Silicone Spray.** Fast, Safe on Plastic. Reduces Friction. Non-Staining. NET WT. 11 OZ. (311 Grams)
SSEE-003	APA130CC	**Electronic Contact Cleaner,** Non-Flammable, Dries Fast. Zero Residue. Non-Corrosive. 30,000 Volt Dielectric Strength. Safe on most plastics. NET WT. 10 OZ. (283 Grams)
SSEE-004		**High Purity Contact Cleaner,** Quick Drying Formula. Electrical grade. Leaves no residue. Plastic Safe. NET WT. 11 OZ. (311 Grams)
SSEE-005	APA180CC	**Chain & Cable Lubricant.** Prevents Corrosion. High Pressure & Extreme Temperature Resistance. NET WT. 15 OZ. (425 Grams)
SSEE-006	APA31GC	**Metal Parts Protector** (Guide Rail Protector) Long Term. Flexible Dust Retardant Coating. Easily Applied & Removed. NET WT. 14 OZ. (396 Grams)
SSEE-007	APA150CC	**Heavy Duty Penetrating Oil.** Super Penetrating Nut Loosener with Capillary Wet Drilling Action. Stops Squeaks Fast. Frees Rusted & Corroded Parts. NET WT. 15 OZ. (425 Grams)
SSEE-008	APA160CC	**All Purpose Mechanics Spray.** Non-Flammable. Penetrates, Lubricates, Cleans, Never Dries, Displaces Water 39,000 Volt Dielectric Strength. NET WT. 12 OZ. (340 Grams)
SSEE-009		**Metal Cleaner & Polisher.** Effective on all Metal Surfaces. Cleans, Polishes, Beautifies. Non-flammable, Odorless. NET WT. 18 OZ. (1 LB. 2 OZ.) (510 Grams)
SSEE-011		**High Tack Belt Dressing.** Stops Slippage. Increases Equipment Efficiency. Sprays when Held Upright or Inverted. NET WT. 12 OZ. (340 Grams)
SSEE-012		**Air Duster,** 8 oz
SSEE-013		**Germicidal Cleaner,** Case of 12, 20oz
SSEE-013-STORE		**Germicidal Cleaner,** Sold as Each
SSEE-014		**Disinfectant Spray Q,** Country Fresh Case of 12, 20oz
SSEE-014-STORE		**Disinfectant Spray Q,** Sold as Each, 20oz

Packaged 6 per carton unless otherwise specified

TOOLS / LUBRICANTS

The SEES Library   *Technical reference to aid the elevator professional*

Elevator Books

S.E.E.S. #	Description
BOOK-001A	**2020 Field Safety Handbook,** up to date resources for safety information that the elevator industry field employees shall use to help prevent injuries and illnesses resulting from unsafe acts and/or conditions.
BOOK-002	**Elevator Maintenance Manual,** An in-depth guide, designed for the service technician, covering elevator maintenance programs and practices as related to electric and hydraulic elevators. Also covers, escalators and moving walks.
BOOK-003	**Elevator Field Maintenance Handbook,** Pocket sized companion designed for the service mechanic to take into the field. Contains over 75 charts and guides.
BOOK-004	**Facility Manager's Operation and Maintenance Handbook,** will help give the facility manager guidance in maintaining continuity in all services, running a professionally managed property and achieving each of these.
BOOK-005	**Elevator & Escalator Maintenance for Building Managers,** 2nd Edition In-depth guide designed for the service technician, covering elevator maintenance programs and practices as related to both electric and hydraulic elevators. Also covers escalators and moving walks. Can be used for "how-to" guide that can be used for training classes, home study or as a reference guide.
BOOK-007	**Field Employees' Elevator Testing Manual,** for various tests on electric and hydraulic passenger and freight elevators in the presence of a Certified Elevator Inspector. Can help with understanding of what is being tested, why it is being tested and a safe means to demonstrate the function
BOOK-008	**Electrical Engineering Handbook,** contains tables, charts and motor data carefully selected for everyday use.
BOOK-009	**2009 International Building Code,** comprehensive building code establishes minimum regulations for building systems using prescriptive and performance-related provisions. This edition is fully compatible with all International Codes (I Codes) published by the International Code Council
BOOK-010	**Electric Elevator & Escalator Maintenance Logbook,** designed to comply with ASME A17.1 Safety Code
BOOK-011	**Hydraulic Elevator & Escalator Maintenance Logbook,** designed to comply with ASME A17.1 Safety Code
BOOK-012	**FEM Terminology,** provides exact names for each part of the elevator (lift) in eight languages. English, German, French, Spanish, Italian, Dutch, Danish and Portuguese.
BOOK-014	**Maintenance on New Equipment Designs,** Is maintenance different on new equipment? What documentation is required by code? What is a maintenance control program? Find the answers to these questions and more in this valuable reference.
BOOK-016	**Safety Meetings, 7th Edition**
BOOK-017	**Elevator Industry Inspection Handbook - 7th Edition**
BOOK-018	**Safety Meetings - 8th Edition**

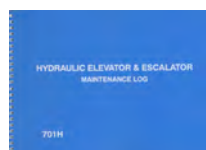| BOOK-001A	BOOK-002	BOOK-003	BOOK-004	BOOK-005	BOOK-007	BOOK-008

BOOK-009	BOOK-010	BOOK-011	BOOK-012	BOOK-014	BOOK-016