

ESD BRUSHES

EB-1

Vertical conductive pentel style to dispense fluxes and to remove residues. Metal handle and synthetic bristles. Dimensions 135mm, bristles area 11x5mm; bristles length 20mm



EB-WA

Vertical brush for residues removal. Plastic handle and synthetic bristles, fully conductive. Dimensions: 142mm. Bristles area: 22mmx10mm, 12 mm trim length.



EB-30

Toothbrush style to remove residues, plastic handle, synthetic bristles. Dimensions: 190mm , bristles area: 35mm x 8mm, 13 mm trim length



EB-NAIL-2

Small nailbrush to remove residues. Plastic protected handles, synthetic bristles. Dimensions 20x70mm



EB-200

Large brush to remove residues. Plastic protected handle, synthetic bristles. Dimensions 150X45X25mm



EB-PRO

Bigger nailbrush style. Plastic protected handle, synthetic bristles. Length 100mm, bristles area 80x40mm, bristles length 20mm



EB-SOFT

Soft touch larger brush to remove dust from pc boards or any surface, with no risks of scratches or abrasions. Conductive plastic handle and soft conductive bristles



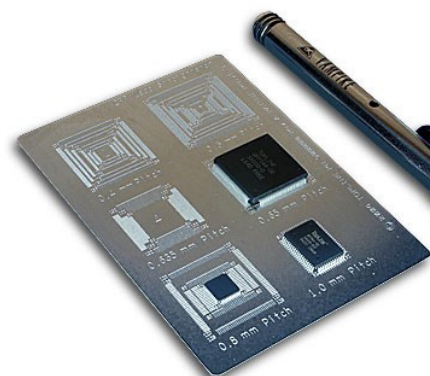
ESD VACUUM PICK-UP FOR SMD

Art VAMPIRE CLASSIC

Vampire is the new battery-free hand held vacuum pick up pen designed for the safe pick-up of SMD components during assembly, test and rework processes. With fountain-pen dimensions, Vampire grabs, lifts and places components in complete safety, aided by a powerful internal piston and a full ESD protection. A complete choice of tips designed for any size of SMD component helps the operator to have always the right tool in hand. The Classic Vampire includes curved and straight needles, plus 4,6, and 9mm ESD cups. The solid plated aluminium body, the powerful piston mechanism, the ergonomic grip make Vampire the best portable tool for SMD on the market.



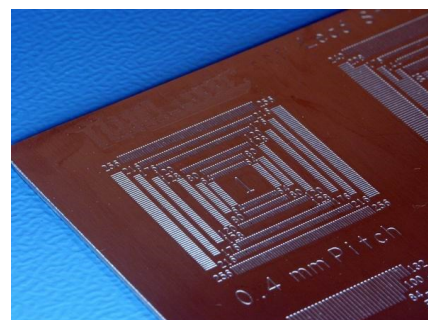
Art V-CL REPLACEMENT SET



QFP LEAD STRAIGHTENER

Art ICB LEADER TOOL

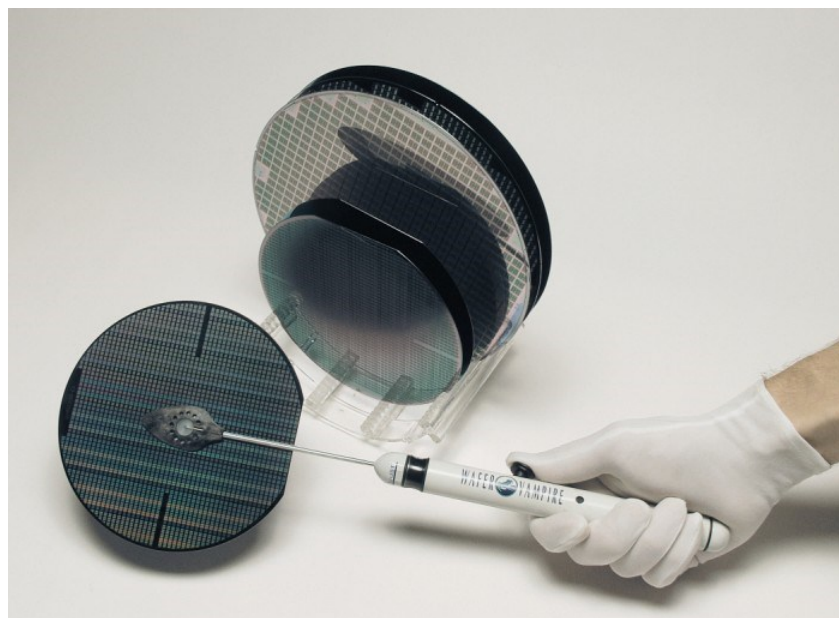
ICB LEADER TOOL is the most versatile lead straightener. It consists of a single universal metal plate with 34 lead template patterns with recessed slots. It handles all QFP, TQFP and LQFP with pitch of 0.4mm to 1.0mm. Rugged metal construction, lightweight and handy.



WAFER PICK UP - BATTERY FREE

Art WAFER VAMPIRE

The wafer Vampire is unique in design, being both battery free and cordless. The Wafer Vampire is designed for handling wafer up to 300 mm and small solar panels. Clean room admissible no particulation, no ion contamination, lightweight and totally portable. No exposed metals.



**COMPONENTS MOTORIZED COUNTER
Art COUNTY S**

Designed for taped SMD component counting. It can operate in two different modes:
Totalizer mode : components are counted from a zero reference to the end of tape (automatic stop)

Preset mode: components quantity is preset (automatic stop).

The MEMORY function allows partial counting for the same component type, and MEMORY RECALL can show at any time the memory contents without loss of the actual counting data.

Display: 6 digits high efficiency leds

Maximum counting speed: 100 pc/sec (1 piece per hole)

Accuracy: ± 1 piece

Holes per component: from 1 to 99 (factor division)



**LCR TESTER TWEEZER
Art SMART TWEEZER**

Smart Tweezers greatly simplifies testing and troubleshooting process.

Resistance, capacitance and inductance can be measured with automatic selection of the test parameters and range.

- Built-in high-precision LCR probe
- Convenient one-hand operation
- Ideal for Surface Mount Devices
- Low-capacitance 4-wire shielded handles
- Automatic component recognition
- Automatic test range selection
- Precise tips for small-size devices
- Multi-component information display
- Manual overrides of test modes
- Measurement offset calculation capability.
- Portable and ergonomic design



PCB BENCH HOLDERS

The circuit board holders of the PCSA series are the ideal tool for fitting circuit boards with components. The holder can easily be remounted in single parts and be reassembled in different combinations

Art. PCSA-1 280X290mm

Art. PCSA-2 530x280mm

Art. PCSA-4 520x410mm



**BENCH FUME EXHAUSTER
Art. SMOKE TABLE**

Benchwork smoke exhauster, designed to be placed near the source of the fumes, . Silent and reliable,

TECHNICAL

Power: 20W

Recycled air volume: 130m³/h

Noise: 45dB (A)



FLUXPENS

Refillable ESD flux dispensing pen with soft tip (the set includes one chisel tip)

Art. FLUXPEN SET
Art. FLUXTIP (PACK OF 100)



FLUXPENS

Art BON PEN

Re-usable flux applicator, replaceable felt tip and cartridge, 7cc capacity, fine point, flexible shaft, controlled application - no mess, used with wash/non wash or strong acid flux, excellent for precise applications.

Art BON PEN 102
Art BON PEN TIPS 102
Art BON PEN CARTRIDGE



ESD PUMP BOTTLE
Art BOT2000

Permanently static-dissipative 177ml (6oz) bottles. Minimize charges when moved or lifted. With low internal contamination, the special plastic will not contaminate contents. Comfortable one handed operation is perfect for cleaning with swabs and brushes.



KAPTON TAPE

Polymide tape backed with silicone adhesive—resist high temperature 300°C, thickness 0,045mm—0,065mm, sizes on request, . Length of tape 33m

KAPTON DOTS

Available in different dimensions up to 2,5cm diam.—20000 pcs per tape.

The adhesive used does not leave residues.

MICROFIBRE WIPERS

Art GLASSWIPE
Art MULTIWIPE

Microfibre wipers for accurate cleaning of various surfaces without leaving scratches, The microfibre structure traps the dirt and residues even without liquid. In particular, GLASSWIPE is recommended to clean optical lenses and delicate glasses. MULTIWIPE is for general usage. Minimized particulation, designed to be used in laboratories and non-critical cleanrooms.



PORTABLE VACUUM CLEANERS

Vacuum cleaners for E.P.A. s, designed with lightweight materials and high power engines, low vibrations and opti-

Art. ASPIRO ESD S-GS

Vacuum cleaner, PP fully conductive body, 3m cable shucko plug

Art. ASPIRO ESD SE-GS

Vacuum cleaner, PP fully conductive body, 3m cable shucko plug, electronic control

Art. ASPIRO ESD S-GS HEPA

Vacuum cleaner, PP fully conductive body, 3m cable shucko plug, HEPA filter

Art. ASPIRO ESD SE-GS HEPA

Vacuum cleaner, PP fully conductive body, 3m cable shucko plug, electronic control, HEPA filter



LARGER ESD VACUUM CLEANERS WITH RESERVOIR

Designed to remove dust and debris from ESD sensitive electronic equipment, ASPIRO PRO 7 features a quiet flow-through motor and sound protection to ensure quiet operations. Extensible hose, large body on wheels for more comfort (suitable for female operators), ASPIRO PRO7 features robust construction with ESD plastic case and optional electronic controls. A full range of ESD accessories enable ASPIRO PRO7 to provide the best suitability to all needed applications

Art ASPIRO ESD PRO S-GS ISO8

vacuum cleaner on wheels - cleanroom ISO 8

Art ASPIRO ESD PRO S-GS ISO7

vacuum cleaner on wheels - cleanroom ISO 7

Art ASPIRO ESD PRO S-GS ISO6

vacuum cleaner on wheels - cleanroom ISO 6

Art. ASPIRO ESD PRO SE-GS ISO8

vacuum cleaner on wheels, electronic control - cleanroom ISO 8

Art. ASPIRO ESD PRO SE-GS ISO7

vacuum cleaner on wheels, electronic control - cleanroom ISO 7

Art. ASPIRO ESD PRO SE-GS ISO6

vacuum cleaner on wheels, electronic control - cleanroom ISO 6



Full selection of accessories and hoses

CLEANING ROLLERS

Art DRS

The ELME DRS line includes rollers of different dimensions to provide fast and effective cleaning to different flat surfaces. The comprehensive selection of rollers and handles offer the right tool for each technical application (Printed Circuit Boards, Screen Printing, Computer, Electronic Devices, Laser Optics, Medical, Graphic Arts, Pharmaceuticals, and many more). The system also includes self adhesive paper pads to provide elimination of the residues accumulated from time to time on the rollers. No adhesives, no residues, no statics.

- DRS 1R** Spare roller cartridge 152mm
- DRS 2R** Spare roller cartridge 305mm
- DRS 3R** Spare roller cartridge 457mm
- DRS 1D** Straight handle with 150mm roller
- DRS 2D** Straight handle with 305mm roller
- DRS 3R** Straight handle with 457mm roller
- DRS-BL** 50 adhesive sheets 240x330mm
- DRS-PB** Adhesive sheets block holder



ESD PROBE TOOL SET

Art CAPT. HOOK

Universal ESD handles with choice of 3 different metal hooks, dentist's quality, to remove all strong residues on the board. Very effective and durable



ESD FIELD SERVICE KIT

Art. KAS 9700

ESD field service kit, designed for on-field operators. Static dissipative vynil, red colour on both faces, rounded sewn borders, double pocket to carry tools for service operations, includes the ONE TOUCH wristband, banana ground cord, the 608 ground banana cord Dimensions: 600x600mm

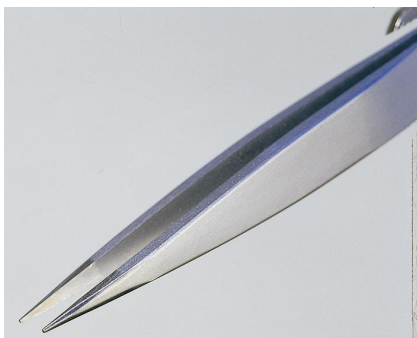
ESD TOOL BAGS

Art. TOOL BAG
Art. WAIST BAG

Designed for EPA operators , safely bring tools and equipment on-field. ESD dissipative vinyl. Zip closure. Ground cord for earth connection on the spot.



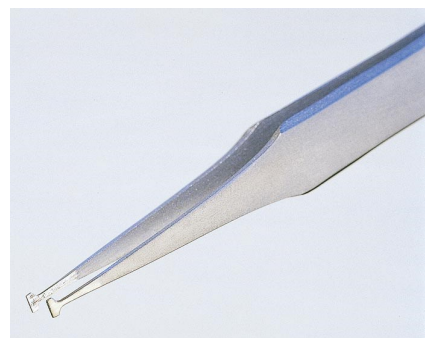
TWEEZERS AND PLIERS



0 SA
00 SA
00B SA
00C SA
00D SA
0A SA
0C9 SA
0C10 SA
0C11 SA



1 SA
2 SA, 2A SA, 2AB SA, 2AT SA,
2AR SA
3 SA, 3C SA
4 SA, 4A SA
5 SA, 5A SA -
5B SA, 5C SA
7 SA, 7A SA, 7B SA, 7E SA
13S SA, 26 SA, 27 SA



102 SA (SMD)
103 SA (SMD)
104 SA (SMD)
105 SA (SMD)
106 SA (SMD)
107 SA (SMD)
108 SA (SMD)
109 SA (SMD)
110 SA (SMD)
111 SA (SMD)

ESD CUTTERS



SERIE TR 25



SERIE TR 30



SERIE TR 58

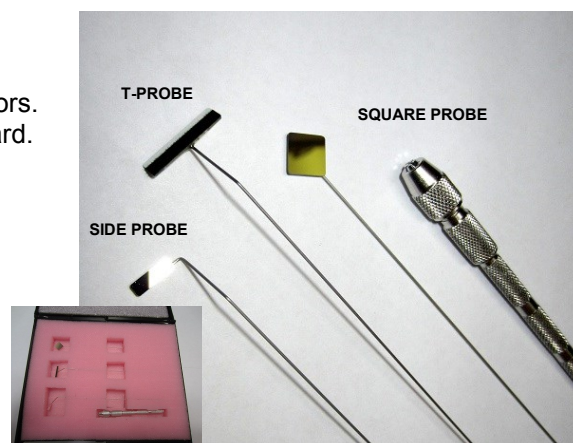
ESD MINI MIRRORS FOR BOARD INSPECTION

Art EMR VISION SET

The set includes one universal ESD handle with 3 different mirrors. Very practical to inspect BGA and other components on the board. Effective and durable.



Each EMR mirror is also available separately.



Art EMR BIG

Bigger adjustable mirror designed with wide screen for board inspection..

