

EASYkleen

Experts in weld cleaning

Product Catalogue



**MARKET LEADING
WELD CLEANERS.
QUALITY CONSUMABLES.
SUPERIOR RESULTS.**

EASYkleen
WELD CLEANERS

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A focus on QUALITY OF FINISH

The EASYkleen range of weld cleaning machines are second to none when it comes to reliability and performance, but we also place a huge emphasis on the quality of finish our machines produce, which is why we have teamed up with Universities and Material Testing Houses to complete collaborative studies on our machines in comparison to alternative finishing methods such as AC output machines, abrasives and chemical removal.

All EASYkleen machines have a DC only output. This means these units are exclusively using the process of electro-polishing when weld cleaning. This results in the highest possible corrosion resistant finish compared with all other post weld finishing methods.

The graph on the right is from a collaborative study with Sandvik Materials and shows the corrosion resistance of different finishing methods, as well as the parent material and as welded.

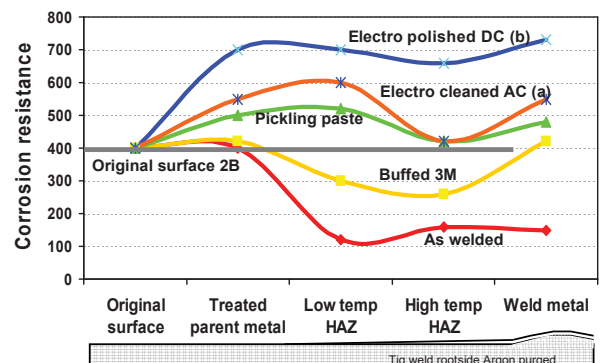
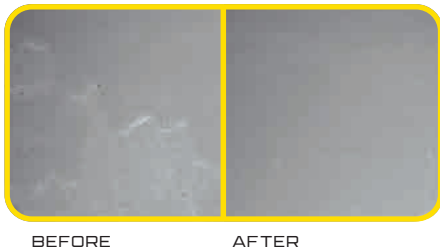
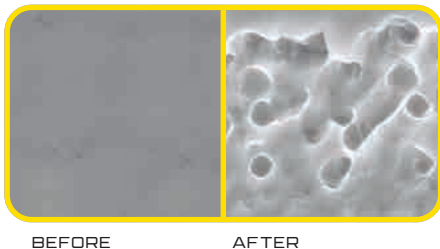


Figure 4. Effect of cleaning methods on a stainless steel weldment

DC under the microscope - ALL EASYKLEEN MACHINES



AC under the microscope - COMPETITOR MACHINES "CLEAN" SETTING



When considering quality of finish, we need to also think about the morphology (shape/structure) of the surface. For stainless steel, the smoother the surface is, the less contamination (dirt, oils, salts etc.) can adhere, which drastically inhibits bacteria growth and foreign particle entrapment. This gives maximum access to the oxygen required for a strong and continuous passive layer. Dramatically improving the corrosion resistance process.

The Scanning Electron Microscopy (SEM) images show samples of untreated welds and those welds treated, one with AC and one with DC.

AC treated - Surface finish is very irregular which helps contaminants stick or attach to the surface, which increases the pitting potential (corrosion).

DC treated - This smoothing effect, whilst removing a very small amount of material also aids in removal of large grain boundaries which are usual susceptible to pitting (corrosion).

The conclusion is that of all post weld finishing methods tested, the use of a DC output weld cleaning machine, which uses the process of electro-polishing achieves the smoothest finish, will provide the best deterrent against pitting (corrosion).



FAST.

Highest Powered Machines & Largest Brush Electrodes.



SAFE.

Water Based Chemicals & Less Labour Intensive.



RELIABLE.

100% Duty Cycle & 10-year internal parts warranty.



RESISTANT.

Cleans & Passivates in one simple process.

EASYKLEEN TEC

A robust and reliable entry level weld cleaning machine.



- Lightweight and highly portable transformer driven weld cleaner
- 100% duty cycle, designed for light to medium use and is also generator safe
- Auto-sensing amperage output ranging from 20-60amps of available cleaning power
- Ideal for sheet metal work (1-6mm) but can be easily used on thicker material if the HAZ is minimal

TECHNICAL SPECIFICATIONS

PRODUCT CODE	INPUT	OUTPUT	RANGE OF BRUSHES	COMPATIBLE SOLUTIONS	WEIGHT	DIMENSIONS (CASE ONLY)
EKT101	110v or 240v 50-60Hz	20-60 Amps	EKT105 - Express EKT106 - Rapid EKT140 - TIP-E	EKP102 - EKP-50 EKP103 - ECO-kleen EKP104 - All Machine MST129 - BLITz Clean Up	5.75 kgs (16.7 lbs)	29 x 18 x 22.5 (11.4" x 7" x 8.8")

EASYKLEEN PLUS

Our most popular model, ready to clean, all day, every day.



- High powered DC only output using a patented wave-form specifically designed for weld cleaning
- Will work on TIG, Stick and MIG welds to provide the highest possible corrosion resistance
- Fast and safer than traditional weld cleaning methods, whilst also being more economical too
- Extremely simple to operate and with five brushes in the range, every weld geometry is covered

TECHNICAL SPECIFICATIONS

PRODUCT CODE	INPUT	OUTPUT	RANGE OF BRUSHES	COMPATIBLE SOLUTIONS	WEIGHT	DIMENSIONS (CASE ONLY)
EKP101	110v or 240v 50-60Hz	20-90 Amps	EKP105 - Spot EKP106 - Craftsman EKP107 - MIG EKP108 - Master EKP141 - TIP-C	EKP102 - EKP-50 EKP103 - ECO-kleen EKP104 - All Machine MST129 - BLITz Clean Up	9.5 kgs (20.9 lbs)	36 x 19 x 28 (14" x 7.5" x 11")

EASYKLEEN PRO S-10



Inverter technology with adjustable output control.

- Inverter driven weld cleaner that utilizes a specific output to provide superior cleaning speed
- 100% duty cycle, designed for moderate to high use on all thicknesses and grades of stainless steel
- Adjustable amperage output control ranging from 30-100amps of available cleaning power
- Cleans, passivates and polishes all in one step to save time compared with alternative methods

TECHNICAL SPECIFICATIONS

PRODUCT CODE	INPUT	OUTPUT	RANGE OF BRUSHES	COMPATIBLE SOLUTIONS	WEIGHT	DIMENSIONS (CASE ONLY)
EKPS10-101	240v 50-60Hz	30-100 Amps	EKPRO-130 - Pro-S EKPRO-131 - Pro-M EKPRO-133 - TIP-PS	EKP102 - EKP-50 EKP103 - ECO-kleen EKP104 - All Machine MST129 - BLITz Clean Up	8.4 kgs (18.5 lbs)	42 x 20 x 32.5 (16.5" x 7.9" x 12.8")

MARKING & ETCHING KIT



A marking system that will leave a permanent imprint on your job

- Dedicated cables for machine outputs used only for this process
- A very quick process to imprint your logo, part or serial number onto your desired job
- Long life stencils of your customised logo or similar with the ability to be used for over 1000+ imprints
- Personal stencilling system option that you can use to mark/etch small runs such as serial numbers

TECHNICAL SPECIFICATIONS

PRODUCT CODE	KIT INCLUDES	OPTIONAL EXTRAS	WEIGHT	DIMENSIONS (CASE ONLY)
EK19KIT	EKEG - Electrode Guide EKHL - Etch Kit Handle and Lead EKCL - Etch Kit Clamp and Lead EKMSOL-1 - Marking Solution 1lt	EKM1PT18 - PT-18 Stencil System EKM118ST - Stencil Cartridge *Long life stencils as requested*	2.9 kgs (6.6 lbs)	43 x 35 x 10 (17.7" x 13.7" x 4")

EASYKLEEN EASY FEEDER

Adaptable inline solution fed option for a range of specific jobs.



- Optional accessory for the EASYkleen range of machines that is attached inline with the unit itself
- Turns a traditional “dipping” unit into solution fed capable machine for those jobs that require it
- Built in a robust stainless steel case incorporating the same pump technology as the mepBLITz DC-i5
- An increase of more than 50% in labour efficiency compared to using a dipping option on certain jobs

TECHNICAL SPECIFICATIONS

PRODUCT CODE	INPUT	OUTPUT	RANGE OF BRUSHES	COMPATIBLE SOLUTIONS	WEIGHT	DIMENSIONS (CASE ONLY)
EKEFM6	16-18VDC 50-60Hz	20-80 Amps	EKEFM6SFB - Soft Tip EKEFM6TIP - TIP Feeder	Same as all EASYkleen models	4.7kgs (10.4lbs)	15 x 16 x 20 (6" x 6.3" x 7.9")
EKEFM8	18-35VDC 50-60Hz	20-130 Amps	MEP151 - Standard MEP156 - Turbo	Same as all EASYkleen models	4.7kgs (10.4lbs)	15 x 16 x 20 (6" x 6.3" x 7.9")

EASYKLEEN SOLUTIONS



EKP-50 Weld Cleaning Solution (EKP102)

The EKP-50 Solution is a premium solution that delivers a very high speed of clean whilst producing the highest possible corrosion resistant finish available. Tuned to give maximum results with EASYKleen machines. With the ability to match and finish from 2B through to mirror, this non-toxic water based solution is the clear choice when results and time matter.



BLITz Clean Up Neutraliser (MST129)

The BLITz Clean Up neutraliser can be used after B-50, EKP-50 & All Machine weld cleaning solutions. With an inbuilt pH indicator, this neutraliser is essential if you want to make sure that all acidic residue has been completely removed from your workpiece.



Marking Solution (EKMSOL)

This fluid is used with the EASYkleen Marking & Etching Kit to mark stainless steel with a dark imprint that make your logos, serial numbers and the like stand out against the stainless steel parent metal.

BRUSH CONSUMABLES

EASYKLEEN TEC BRUSH OPTIONS



M5
THREAD



EKT105
Express Brush



EKT106
Rapid Brush



EKT140
TIP-E Brush

EASYKLEEN PLUS BRUSH OPTIONS



M6
THREAD



EKP105
Spot Brush



EKP106
Craftsman Brush



EKP107
MIG Brush



EKP108
Master Brush



EKP141
TIP-C Brush

EASYKLEEN PRO S-10 BRUSH OPTIONS



M8
THREAD



EKPRO-130
Pro-S Brush



EKPRO-131
Pro-M Brush



EKPRO-133
TIP-PS Brush

EASYKLEEN EASY FEEDER BRUSH OPTIONS



M6
THREAD



EKEFM6SFB
M6 Soft Tip

M6
THREAD



EKEFM6TIP
M6 TIP Brush

M8
THREAD



MEP151
Standard Brush

M8
THREAD



MEP156
Turbo Brush

UNMATCHED WARRANTY

As a customer, you have the expectation that any EASYkleen machine you purchase is built with quality parts and excellent workmanship.

The EASYkleen machine you choose to purchase should also provide exceptional reliability & durability now and for many years to come.

We believe that too, which is why EASYkleen firstly offers a 2-year standard warranty. Additionally, we are proud to offer a 10-year internal parts warranty on our EASYkleen range of weld cleaning machines.

As we manufacture our weld cleaning machines in house from start to finish, we are confident that our machines are built to last, so this additional parts only warranty is our way of standing by and supporting our products now and into the future.

Please go to www.easykleen.com.au for full terms and conditions on this warranty offer, which is well over and above any of our competitors.

EASYkleen

The *weld* leaders
in weld cleaning



Request a demo



Are you interested in an on-site demonstration?

Contact EASYkleen Weld Cleaners now to request an on-site demonstration at your factory or workshop. This way, you will be able to see the process first-hand and have it trialled on the type of fabrication and welding work that you do each and every day.

EASYkleen
Experts in weld cleaning



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For more information on EASYkleen's range of market leading weld cleaners and their consumables, please contact us via one of the options below, or visit the where to buy tab on our website to find a local distributor near you.

EASYKLEEN PTY LTD

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