



E.KÜ
IGNISER®

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BETTER. MORE RELIABLE. QUICKER.

easymetal.com **be clean.**
stay green



E.KÜ IONISER® 1501

E.KÜ IONISER® 1502

E.KÜ IONISER® 1503



Deionization at the highest level

| | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|
| Max. flow rate | 40 l/min | 40 l/min | 40 l/min |
| Min. flow rate | 1 l/min | 1 l/min | 1 l/min |
| Max. operating pressure | 5 bar | 5 bar | 5 bar |
| Max. input conductance | 2500 µS/cm | 2500 µS/cm | 2500 µS/cm |
| Conductance | < 0,1 µS/cm | < 0,1 µS/cm | < 0,1 µS/cm |
| Permissible input pH value | 6,5-9,5 | 6,5-9,5 | 6,5-9,5 |
| Weight | 160 kg | 160 kg | 160 kg |
| Dimensions mm (L/W/H) | 660/370/1150 | 660/370/1150 | 660/370/1150 |
| Connections | EASY-quick coupling CPC ½" | EASY-quick coupling CPC ½" | EASY-quick coupling CPC ½" |
| Equivalent mixed bed resin | approx. 200 liter | approx. 200 liter | approx. 200 liter |

APPLICATIONS

EDM

STANDARD APPLICATIONS
ALUMINIUM
COPPER, TITANIUM
POLYCRISTALLINE DIAMANDS

EDM

CARBIDE
COPPER, GRAPHITE, TITANIUM
COBALD MATERIALS
SINTERED METAL MATERIALS
POWDER METALLURGICAL STEELS

- INDUSTRY
- PART CLEANING
- MEDICAL TECHNOLOGY
- HEATING PLANTS
- FOOD INDUSTRY

KORROS4OP[®]

Visualization of the water quality.

Display

| | |
|--|-----------------|
| Conductive value output in $\mu\text{s}/\text{cm}$ | 0-10 |
| Conductive value input in $\mu\text{s}/\text{cm}$ | 0-100 |
| KORROSTOP (water quality) in % | 0-100 |
| Water temperature in $^{\circ}\text{C}$ or $^{\circ}\text{F}$ (adjustable) | 0-50 $^{\circ}$ |
| Flow rate in l/min. | 0-40 |

Interfaces

| |
|-----------------------|
| Micro USB-B / SD-CARD |
| LAN |
| Wi-Fi |



Industry 4.0

State-of-the-art Technology

- Measuring device with live data
Online permanent measurement
- Dynamic measurement intervals
with digital or analogue
measurement illustration
- Conductive value output
Conductive value input
KORROSTOP (water quality) in %
Water temperature
Flow rate in l/min.
- 24 hour historical data storage
- Query options (logs)
via LAN / PC / Wi-Fi / USB
- Built-in web server
- Wi-Fi direct for mobile devices
- Data transfer via
USB / LAN / Wi-Fi / SD-CARD
- Can be built into existing company
IT systems, e.g. via REST services



The KORROSTOP[®] measuring device may only be used in conjunction with the E.KO IONISER[™].

Easy handling and quick information

- Operation via a touchscreen
or easily accessible via push-turn control
- The most up-to-date communication channels
for your process optimisation

EDM EDM

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CONNECT4

Connection Kit

1 kit for all eventualities

Our CONNECT4 components provide compatible connectivity for every area of application.

The new CONNECT4 connection kit is compatible with all standard wire EDM machines.

Together with the KORROSTOP4.0® measuring device, the CONNECT4 connection kit is the ideal combination for your initial equipment.

We only use industry standard components.



Compatible with all EDM machines

- Plug-and-play with EASY-quick couplings
- Switching old with new is done in the blink of an eye even during operation

EDM EDM

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