



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 ¹	2500 µS/cm ¹	2500 µS/cm ¹
Conductance	< 0,01 µS/cm ¹	< 0,01 µS/cm ¹	< 0,01 µS/cm ¹
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"
Lifetime*	200 000 l	200 000 l	200 000 l

* Depending on raw water quality

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 $\mu\text{S}/\text{cm}^1$
- Conductive value input in $\mu\text{S}/\text{cm}^1$
- KORROSTOP (water quality) in %
- Water temperature in $^{\circ}\text{C}$ or $^{\circ}\text{F}$ (adjustable)
- Flow rate in l/min.

Interfaces

- Micro USB-B
- LAN
- Wi-Fi



Industry 4.0

State-of-the-art Technology

- Measuring device with real 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
- LAN / PC built-in web server
and evaluation software
- Wi-Fi direct for mobile devices
- Data transfer via
USB / LAN / Wi-Fi
- Can be built into existing company
IT systems, e.g. via REST services
or MQTT
- Cloud connection optional



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

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