

PKA 2

Anodic Bath Protection Processor for nickel plating



Dynamic Natural Potential "SCAN®"

During chemical nickel plating processes in stainless steel tanks, nickel deposits can build up rapidly, often unexpectedly, inside the bath. Because of the damage that this does to the tank's passive surface, the process bath becomes unsuitable for further production and must be renewed or replaced at great cost.

The PKA 2 anodic bath protection processor has been designed to help prevent this. Its dynamic natural potential SCAN® monitors the actual bath potential and automatically calculates and applies the necessary minimal counter-potential.

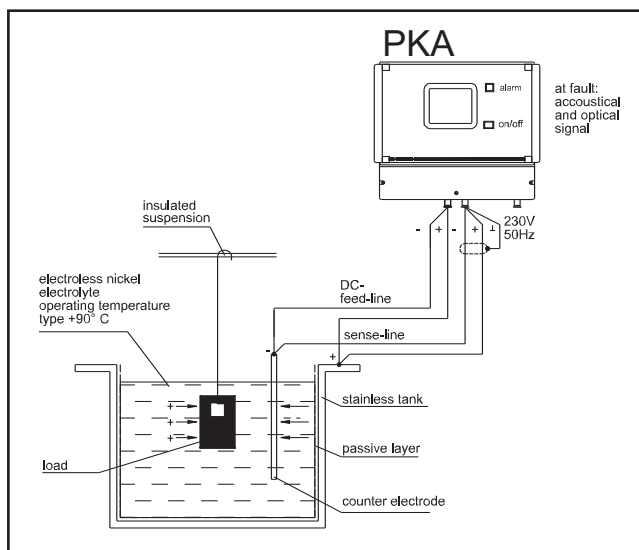
This means a longer life span for your electrolyte, reduced costs and a higher level of operational safety.

The advantages at a glance

- Increased electrolyte life-span
- Reduced costs
- Improved operational safety
- Continuous, dynamic bath potential monitoring
- Fully automatic adjustment to the optimal protective potential (Natural potential SCAN®)
- Controlled with a touch panel and a plain text display
- Digital displays for all important information
- Plain text alerts to indicate faults
- Switch over function from BATH 1 to BATH 2
- Integrated UPS to allow emergency operation during mains failure
- Installation close to the bath possible (IP54)

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What we should get from you!

1. Dimensions of the tank (W x D x H)
2. A diagram showing how your equipment is laid out (filter pump, heating etc).
3. Distance between tank and PKA



Technical Data

Mains voltage	230V/50 Hz (Variations on request)
Protective potential	0 ... 2,00 V (adjustable)
Protective current	0 ... 5,00 A
Protection grade	IP 54
Dimensions	W x D x H : 390 x 160 x 320 mm



Fault Monitors and Indicators

- Audible alarm
- Indicator lamp at the front
- Collective fault potential-free contact

- Protective potential
- Under voltage
- Sensor lead
- Mains failure
- Temperature (PKA 2)

Options

- 10A protective current
- Interface for monitoring and measuring values with a Profibus DP
- International mains voltage
- English language plain text
- Commissioning

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