

Power Supply / Potentiostat NTN 700M - 200



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**Low and High Voltage
Power Supplies**

DIN EN ISO 9001

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**The unit alternatively can be used as power supply/
galvanostat or as potentiostat.**

Features:

- Manually operated polarity switch
- In power supply mode automatic switch over from voltage to current control (galvanostatic operation)
- Zero ohm current measurement included
- Sense input for working electrode in potentiostatic mode

Controls:

- Ten turn potentiometers for adjustment of voltage (potential) and current
- 3½ digit DVM for voltage and current
- Mode switch "Power Supply" or "Potentiostat"
- "On" - "Off" switch for sense input
- Polarity reversal switch
- Safety sockets for working electrode, counter electrode, reference electrode, sensor and earth

Technical Data:

Mains:	230 V $\pm 10\%$, 47 - 63 Hz
Output:	
Voltage:	0 - 200V
Current:	0 - 3,5A
Regulation stability:	$< \pm 1 \times 10^{-4}$ / 8h from maximum value
Tk:	$< \pm 1 \times 10^{-4}$ / K from maximum value
Residual ripple:	$< \pm 1 \times 10^{-4}$ p-p from maximum value
Regulation speed:	$< 50 \mu s$ for load change between 10% and 100% (in potentiostatic mode)
Reference electrode:	
Voltage:	$\pm 3V$ adjustable, polarity selectable
Current consumption:	$< 0,1 \mu A$
Input resistance:	$> 3 \times 10^7 \Omega$

Case:

19" table top case, 4 HU (177 mm) high, 350 mm deep

Modified types:

The potentiostat can be delivered with different voltage and current values up to 4200W output power.

Application:

Versatile ranges of application in electrochemistry.