

# Sycopel Scientific Ltd

## Ministat 253



Ministats are purchased by University laboratories in many countries as a low cost functional potentiostat / galvanostat. The 253 model supplies  $\pm 3$  Amperes across  $\pm 25$ V.

### Technical Specification

<b>Product Code :</b>	029-200
<b>Output Current :</b>	$\pm 3$ A $\pm 5$ %
<b>Output Voltage :</b>	$\pm 25$ V $\pm 10$ %
<b>Internal Control Potential :</b>	0 to $\pm 1$ V & 0 to $\pm 3$ V
<b>External Control Potential :</b>	$\pm 9$ V $\pm 5$ %
<b>Reference Source Stability :</b>	$\pm 0.15$ mV after 15min warm up
<b>Overall Control Accuracy :</b>	$\pm 0.5$ mV long-term
<b>Resolution of Reference Control :</b>	0.016%
<b>Reference Electrode Input Impedance :</b>	Typically $10^{11}$ Ohms
<b>Response Rate :</b>	Typically 3-10V/ $\mu$ s
<b>Supply :</b>	110V, 220-240V @ 50/60Hz
<b>Physical Dimension :</b>	Subject to change.

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