

# Sycopel Scientific Ltd



The Microstat XL, an obvious development of the standard Microstat with the addition of metering  
The Microstat XL is delivers 100mA across  $\pm 10V$ .

Analogue outputs for voltage, current and analogue external input for Polarisation voltage control  
allows the easy interface with data acquisition cards making this instrument Labview ready.

## Technical Specification

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Product Code :	230-100
Output Current :	$\pm 100mA \pm 5\%$
Output Voltage :	$\pm 10V \pm 10\%$
Current Ranges	1uA, 10uA, 100uA, 1mA, 10mA, 100mA (manually switched)
Internal Control Potential :	0 to $\pm 5V$
External Control Potential :	$\pm 9V \pm 5\%$
Reference Source Stability :	$\pm 0.15mV$ after 15min warm up
Overall Control Accuracy :	$\pm 0.5mV$ long-term
Resolution of Reference Control :	0.016%
Reference Electrode Input Impedance :	Typically $10^{11}$ Ohms
Response Rate :	Typically $5V/\mu s$
Internal Metering V & I :	3½ digit LCD meter
Supply :	230V @ 50Hz
Physical Dimension :	250mm (d) x 350mm (w) x 100mm (h)

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