

DIGITAL CALIBRATION UNITS

Models : ALC-02 mV only ALC-05 mV and mA
 ALC-04 mV and ohms



(Configuration and labeling will change depending on Model number.)

The Artech Thermocouple Calibration Units are simple, sturdy instruments which eliminate the need for cumbersome calibration potentiometers. The instruments are light weight & portable. There are two modes of operation : a) Measure - for measuring millivolts, ohms, milliamps output of sensors and b) Source - to generate mV, ohms, mA which can be used for checking instruments. The readings are clearly indicated with a resolution of 0.01 mV/ohms/mA.

SPECIFICATIONS

Accuracy	:	$\pm 0.025\%$ of range, ± 2 counts at 30°C
Display	:	4 $\frac{3}{4}$ Digit LED Display, 12.5mm height
Power Supply	:	230 Volts $\pm 10\%$, 50 Hz AC.
Dimensions	:	260 x 85 x 190 mm.
Accessories	:	i) RTD & T/C Charts ii) Carrying Case (Optional)
Weight	:	2.4 kgs

	millivolts	ohms	milliamps
‘SOURCE MODE’			
Output Range	-5 mV to +80mV	10 ohms to 400 ohms	2 to 22 mA
Output Impedance	1 Ohm (resistive)	-	-
Line Resistance at 15V DC	-	-	150 ohms max for 20 mA
‘MEASURE MODE’			
Input	-199.99 mV to + 399.99 mV	0- 399.99 ohms	-199.99 to + 199.99 mA
Over Voltage protection	upto $\pm 5\text{VDC}$	-	-

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