

MACKLOW SMITH DIGITAL DISPLAY

EXCEL

Quick and Easy to use

Simple set up and calibration procedure using the key pad, which also includes, zero, tare, running modes and alphanumeric text input. The membrane is polyester with tactile action with pocket for tailored actions.

Simple to Install

Standard construction is a stainless steel case complete with wall mounting brackets, the casing is sealed to IP65 for external industrial use. Cable clamps with cable supports are supplied. Desktop cases are also available as an option

Power and Connections

There are three power supply options, 6-26VDC via dry cell battery or adaptor, 75-250VAC with auto selection or a battery pack and charger. Up to 16 x 300Ω strain gauges, 4 separate channels for strain gauge connections, indication can be individual or collective.

Software

The loaded software includes full range zero, preset tare, tare/tare recall, weigh-count, peak, freeze and silo modes all as standard.

Options

4 Channel (separate strain gauges)
Desktop cases
High intensity LED main display
16 programmable I/O ports
Serial RS232C communications
4-20mA output
DC supply
2 - 8k x 8 FRAM memory expansion
Time and date (battery backed)
Polarity changeover switch
USB memory stick storage

SPECIFICATION



Standard LCD display



Optional LED display with 20 x 2 alphanumeric LCD

Model	
Electrical Supply	75 – 250vac (standard) 6 – 26vdc (option)
Operating temperature	-10°C to +40°C
Speed	7 -30 readings per second(selectable)
Resolution	300,000 counts for 10mV
Inputs	Up to 16 x 300R load cells
Display	6 number
Display size	25mm (main) 20 x 2 alphanumeric LCD (option)
Construction	Stainless steel casing (std)
Protection class	IP65
Input range	0 – 150mV, Linearity: 0.0015% F.S.
Temperature drift	2 p.p.m. / °C
Options:	Display LED High intensity
Output 16 bit	4-20mA, 0-5VDC, 0-10VDC
I/O ports	16
Channels	4 x separate inputs
Serial output	RS232 for PC or Printer
Change over switch	Changes polarity for tension/compression modes
Peak Hold/Time-Date	User configurable
Dimensions: HxWxD	260mm x 160mm x 65mm (std)

In the interest of product development we reserve the right to alter specifications without prior notice.