

MACKLOW SMITH DIGITAL DISPLAY

APEX JUNIOR Series AJ

Quick and Easy to use

Simple set up and calibration procedure using just the front key pad, incorporating a 24bit A-D simple routine and menu selections.

Simple to Install

Standard construction is a stainless steel case complete with two mounting brackets, the casing is sealed to IP65 for external industrial use. Two cable clamps with cable support are supplied.

Power and Connections

There are three power supply options, 6-26VDC via dry cell battery or adaptor, 100-250VAC with auto selection or a 1000mAh NiMh battery pack and charger. 6 way strain gauge connections.

Software

The loaded software includes full range zero, preset tare, tare/tare recall, weigh-count, peak, freeze and silo modes all as standard. Special software can be written to suit particular requirements on request.

Options

RS232C communications for printers and PC
Analogue output for data logging,
16 bit 4-20mA/0-5VDC, 0-10VDC

Time and Date

2 x optoisolated I/O ports

8k x 8 FRAM memory expansion

Second input

LED display

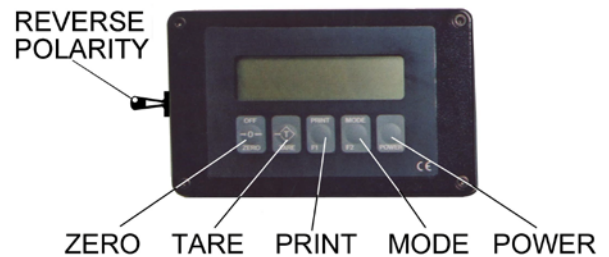
2 x Solid state relay

Polarity changeover switch

SPECIFICATION



Apex Junior Digital Display Unit



Model	AJ01	AJ02	AJ03
Electrical Supply	6-24VDC	110-240V	110-240V
	Dry cell	Auto selection	Recharge adaptor
Operating temperature	0°C - 40°C		
Speed	25 readings per second		
Resolution	1 : 20,000		
Inputs	Up to 8 load cells		
Display	5 number		
Display size	18mm high		
Construction	Stainless steel casing		
Protection class	IP65		
Options:			
Display	LCD (standard), LED		
Output 16 bit	4-20mA, 0-5VDC, 0-10VDC		
Relay	Max 2 x 1A solid state		
Backlight display	LCD (std. models only)		
Serial output	RS232 for PC or Printer		
Change over switch	Changes polarity for tension/compression modes		
Peak Hold/Time-Date	User configurable		
Dimensions:			
H x W x D	110mm x 165mm x 60mm		

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