AD-4405/4406/4407

Weighing Indicators

Specifications

	AD-4405	AD-4406	AD-4407
Input Sensitivity	0.2V/d		
Input Signal Range	—1mV~15mV		
Load Cell Excitation	DC5V 5% 60mA, Remote Sensing		DC5V 5% 120mA, Remote Sensing
	(Up to 4 load cells at 350W/load cell)		(Up to 8 load cells at 350W/load cell)
Zero Temperature Coefficient	(0.2V+8ppm of dead load)/°C (typically)		
Span temperature Coefficient	8ppm/°C of reading (typically)		
Non-Linearity	0.01% of full scale		
Input Noise	Less than 0.4Vp-p		
Input Impedance	10MW or more		
A/D Conversion method	Integrating dual slope type		
A/D Resolution	40,000 counts		
Maximum display resolution	20,000 divisions		
A/D Conversion rate	5 times/sec., 10 times/sec.		
Main Display	7-segment, 20mm(H) VFD	7-segment, 25mm(H) LCD	7-segment, 20mm(H) VFD
Power	AC 100/110/120/200/220/	AC Adaptor,	AC 100/110/120/200/220/
	230/240V	C battery 5 6 or	230/240V
	—15~+10% (50/60Hz)	AD1681	—15~+10% (50/60Hz)
Consumption	30VA	DC 9V 100mA	30VA
Battery life	_	180H (1 Load Cell)	_
(Alkaline batterry)		70H (4 Load Cell)	
Operating Temperature	—10~+40°C (14°F~104°F)		
Operating Humidity	Less than 85% RH (non-Condensing)		
Physical Dimensions	275(W) 5 111(H) 5 159(D) mm	192(W) 5 96(H) 5 87(D) mm	199(W) 5 206(H) 5 80(D) mm
	10.83(W) 5 4.37(H) 5 6.26(D) inches	7.56(W) 5 3.78(H) 5 3.43(D) inches	7.83(W) 5 8.11(H) 5 3.15(D) inches
Net Weight	Approximately 1300g / 2.87 lb	Approximately 680g / 1.50 lb	Approximately 1950g / 4.30 lb

Options		Accessories	
AD-4405-03	RS-422/485 and Relay	AD-8121 — Dot matrix Printe	
AD-4405-05	RS232C, Relay and Control Input		
AD-4405-06	Built-in Printer		
AD-4405-07	Analog Output (A-20mA)		
AD-4406-03	RS-422/485 and Relay	Peripherals - P.O.A	
AD-4406-04	RS232C	Stainless steel summation junction box	
AD-4406-05	RS232C, Relay and Control Input	Coloured comparator lights	
AD-4406-07	Analog Output (A-20mA)	Wireless operator controls	
AD-4406-11	Display Stand	Wireless data transmission	
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AD-4407-03	RS-422/485 and Relay	Please contact your Local Dealer 💞	
AD-4407-05	RS232C, Relay and Control Input	•	

Analog Output (A-20mA)

Victorian Office

KENSINGTON

Victoria 3031

Unit 4, 313 Arden Street

Telephone (03) 9372 1522 Facsimile (03) 9372 1193 Specifications subject to change for improvement without notice.

A&D MERCURY PTY. LTD. ACN 007 556 809 Head Office 32 Dew Street THEBARTON SA 5031 Telephone (08) 8301 8100

Facsimile (08) 8352 7409

AD-4407-07

Email: sales@andmercury.com.au Internet page: http://www.andmercury.com.au

> New South Wales Office Unit 4, 14 Abbott Road SEVEN HILLS New South Wales 2147 Telephone (02) 9674 546

Your Dealer

Telephone (02) 9674 5466 Facsimile (02) 9674 2544

AD-4405/4406/4407

Weighing Indicators

New, highly featured indicators give the range and flexibility to produce the weighing system to suit your application







Weighing Indicators

Many Choices from new Featured Weighing Indicators for your Weighing System Applications

AD-4405

Built-in Printer as optional add-on for vour weighing data recording

- Bright green VFD 20mm(height) display
- Optional Dot Matrix Compact Printer
- ●10 keys for preset tare and unit weight setting etc.
- Counting function





Rear Panel

AD-4406

Expanding your weighing applications by Battery operation

- High cost-effectiveness
- Big LCD 25mm (height) display
- •Multi power supply

Alkaline C type battery:

battery life 180 hours (LC $350\Omega \times 1$) battery life 70 hours (LC 350Ω X 4)

Rechargeable battery AD1681 Optional AC adapter

- ●F1, F2 selectable function keys
- Optional RS-232C
- •Load cell 350Ω X 4
- Optional stand available



Panel Cutout

186^{+1.1}₋₀(W) X 92^{+0.8}₋₀(H) mm 7.32" +0.04 (W) X 3.62" +0.03 (H) inches



IP-65 for your Dust & Waterproof weighing applications with Stainless Steel Enclosure

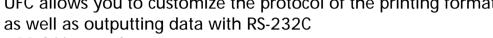
- Bright green VFD 20mm(height) display
- Bracket standard
- ●10 keys for preset tare and unit weight setting etc.
- Counting function







UFC allows you to customize the protocol of the printing format



- •Multi interval
- 2 weighing ranges selectable
- Accumulation Function

Accumulative data is stored into memory automatically or manually

- Comparator Function Upper/Lower, HiHi/Hi/OK/Lo/LoLo & comparison Comparator output to optional relays
- Simple batch weighing

Automatic batching and customer programming capability

- ●Standard RS-232C for AD-4405 and AD-4407
- Buzzer function
- Code memory function

APPLICATION with LOAD CELL-

You can use our load cells as load sensor to build your own desktop, bench, floor or truck scales as per your preferences.

