

AD-4405/4406/4407

Weighing Indicators

Specifications

	AD-4405	AD-4406	AD-4407
Input Sensitivity	0.2V/d		
Input Signal Range	—1 mV~15mV		
Load Cell Excitation	DC5V 5% 60mA, Remote Sensing (Up to 4 load cells at 350Ω /load cell)		DC5V 5% 120mA, Remote Sensing (Up to 8 load cells at 350Ω /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	10MΩ 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/ 230/240V —15~+10% (50/60Hz)	AC Adaptor, C battery 5 6 or AD1681	AC 100/110/120/200/220/ 230/240V —15~+10% (50/60Hz)
Consumption	30VA	DC 9V 100mA	30VA
Battery life (Alkaline battery)	—	180H (1 Load Cell) 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 10.83(W) 5 4.37(H) 5 6.26(D) inches	192(W) 5 96(H) 5 87(D) mm 7.56(W) 5 3.78(H) 5 3.43(D) inches	199(W) 5 206(H) 5 80(D) mm 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

- AD-4405-03 ————— RS-422/485 and Relay
- 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
- AD-4406-04 ————— RS232C
- AD-4406-05 ————— RS232C, Relay and Control Input
- AD-4406-07 ————— Analog Output (A-20mA)
- AD-4406-11 ————— Display Stand


- AD-4407-03 ————— RS-422/485 and Relay
- AD-4407-05 ————— RS232C, Relay and Control Input
- AD-4407-07 ————— Analog Output (A-20mA)

Accessories

- AD-8121 ————— Dot matrix Printer

Peripherals - P.O.A

- Stainless steel summation junction box
- Coloured comparator lights
- Wireless operator controls
- Wireless data transmission

Please contact your Local Dealer 

Specifications subject to change for improvement without notice.



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AD-4405/4406/4407

Weighing Indicators

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



AD-4407



AD-4405



AD-4406

TRADE APPROVED
NMI CERTIFICATE S451



...Clearly a Better Value

A&D MERCURY PTY. LTD.
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Many Choices from new Featured Weighing Indicators for your Weighing System Applications

AD-4405

Built-in Printer as optional add-on for your 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



With optional built-in printer

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 350Ω X 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



Rear Panel

Panel Cutout
186:±1 (W) X 92:±0.8 (H) mm
7.32" :±0.04 (W) X 3.62" :±0.03 (H) inches



AD-4407

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

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



Rear Panel



Common Features

● Universal Flexi Coms

UFC allows you to customize the protocol of the printing format as well as outputting data with RS-232C



● 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

