AD-4405/4406/4407

Weighing Indicators

Specifications

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	AD-4405	AD-4406	AD-4407
Input Sensitivity	0.2V/d		
Input Signal Range	—1mV~15mV		
Load Cell Excitation	DC5V 5% 60mA, Remote Sensing (Up to 4 load cells at 350⊠ /load cell)		DC5V 5% 120mA, Remote Sensing
			(Up to 8 load cells at 350⊠ /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	10M⊠ 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 Printer	
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	
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)

Specifications subject to change for improvement without notice.

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AD-4407-07

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

Your Dealer

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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



Weighing Indicators

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

AD-4406

Expanding your weighing applications by Battery operation

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

Alkaline C type battery:

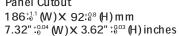
battery life 180 hours (LC $350\Omega \times 1$) battery life 70 hours (LC 350Ω X 4)

Rechargeable battery AD1681 Optional AC adapter

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



Rear Panel Panel Cutout





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



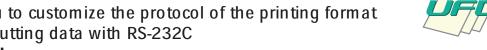




Common Features

• 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

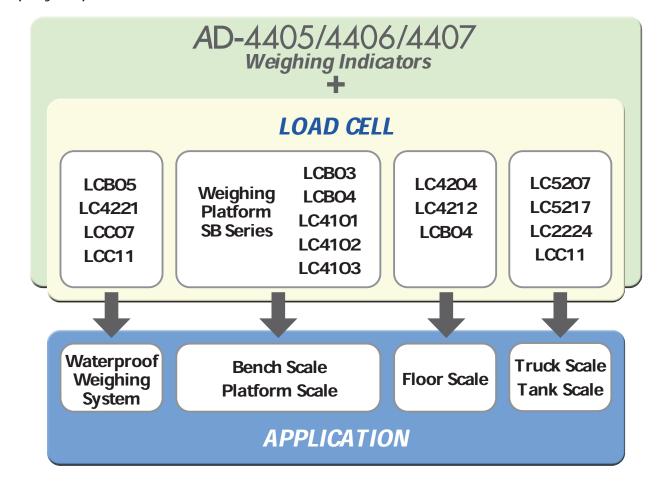
Simple batch weighing

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.





With optional built-in printer