



Searching for a New Balance

INDUSTRIAL PRODUCTS

DI-160 Series Weighing Indicators

DIGI DI-160 will easily speed up weighing operations with precision and economy.

Additionally you can expand your application with the remote display and PC link capability.



DI-160 Series



Optional remote display



High Contrast LCD with large numerals

Simplified operations with only 5 pictograph keys

Thank you to our loyal customers for their continued support



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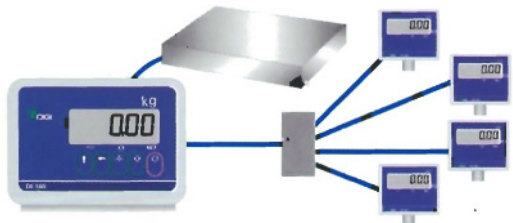
Main Features

Standard features enhance weighing operations

- Internal resolution 1/60,000
- Display resolution 1/1,000 to 1/7,500
- One touch /digital tare subtraction
- Power for four 350Ω load cells
- Low voltage indicator
- Zero point recall function (subject to local regulation)
- Digital filter with three setting levels; one is for standard weighing and two for animal weighing (subject to local regulation)

Versatile applications

- Up to 4 remote display for distant viewing



- Data output via RS-232C



- Extra-mercury switch input capability for level detection of mobile installation application

Specifications

Analog section

Input sensitivity	0.6mV/V to 4mV/V (16 steps)
Zero adj. range	+100%F.S.
Load cell excitation	10VDC, 150mA MAX.
A/D conversion rate	20times/sec.
Temp. coefficient	ZERO ±[0.2μV±10ppm of zero voltage]/°C TYP
	SPAN ±10ppm/°C TYP
Non linearity	0.008% of F.S. or less
Number of load cells	MAX. 4 load cells (350Ω)

Digital section

Display	5 digits
Display division	1, 2, 5
Decimal point location	4 positions 0,000 thru 00000
Indicator marks	Annunciator for "ZERO", "NET" and "STABLE"

General

Power source	A/C adapter (12~18VDC, 350mA)
Power consumption	1W
Operating temperature	-10°C to 40°C (14°F to 104 °F)
Operating humidity	85%RH MAX.(Non-condensing)
Net weight	0.72 Kg/ 1.6lb
Dimensions	200(W) x 140(H) x 50(D) mm

Model variation

- DI-160
- DI-160RS Data output type via RS-232C (by 8 pin modules connector)

Options

- Remote display for DI-160 (*stand unit will not be available from Teraoka)
- Display extender unit connecting to multiple remote displays
- Separate stand

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