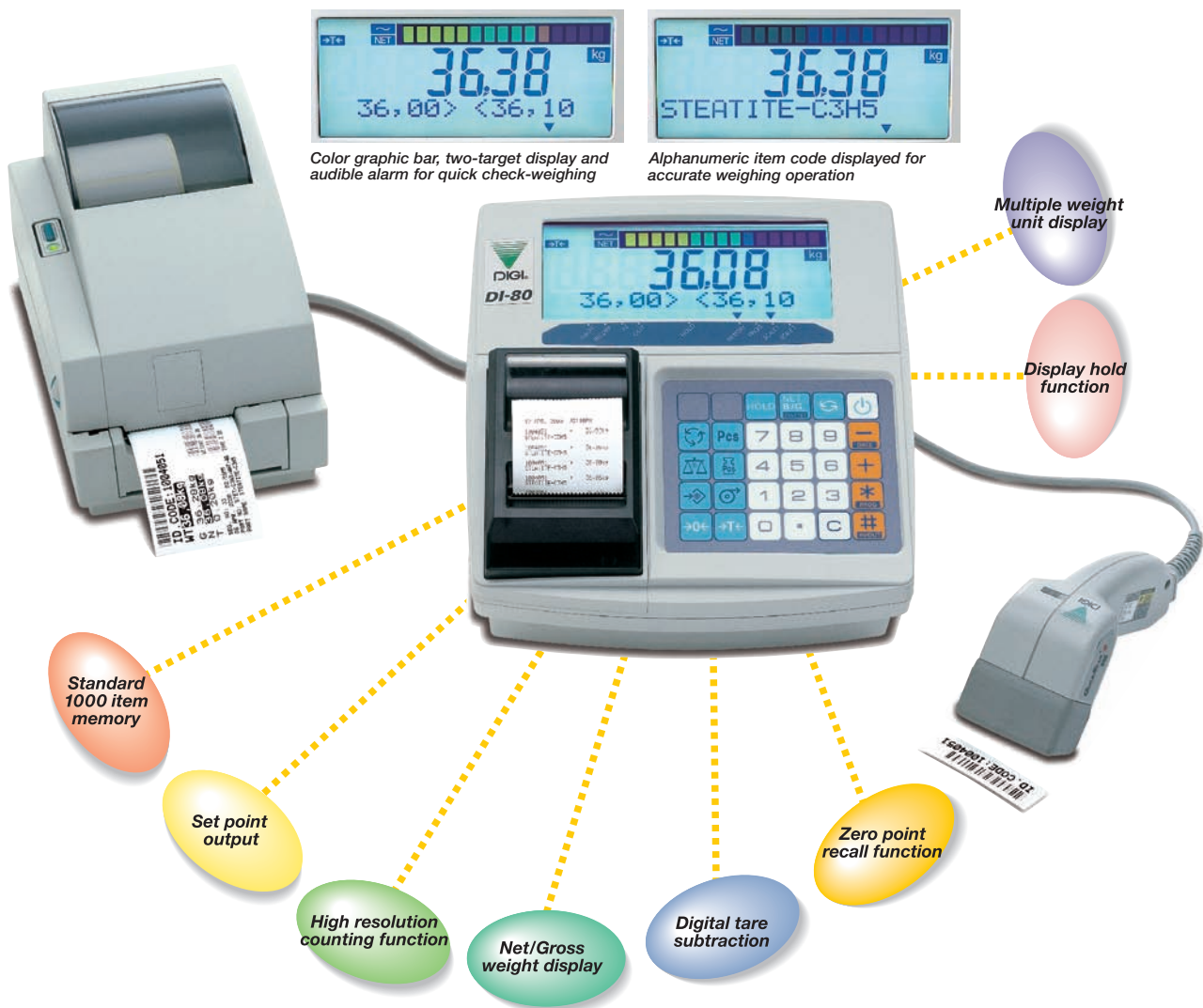


# The Preferred Choice

for Digital Indicators



**A Wide Range Of Weighing Operations**

# Digital Indicator

# DI-80

## Specifications

### Analog section

Input sensitivity:	0.4mV/V to 4.0mV/V
Zero adj. range:	-10% to +100% of F.S.
Load cell excitation:	12VDC
A/D conversion rate:	30 times/sec. at 1mV/V output
Temp. Coefficient:	ZERO: $\pm(0.2\text{mV} \pm 5\text{ppm of zero voltage})/^{\circ}\text{C}$ TYP SPAN: $\pm 5\text{ppm}/^{\circ}\text{C}$ TYP
Non linearity:	0.008 % of F.S. or less
Number of load cells:	Max. 8 load cells (350 $\Omega$ )
Remote sensing function	

### Digital section

Type:	LCD display with color graphic bar and backlight
Display:	Segment display: 6 digits (letter height: 26 mm) Dot matrix display: 17 digits (alpha-numeric)
Display division:	1, 2, 5, and 10
Decimal point location:	00,0000 to 000000
Indicator marks:	Zero, Net, Gross, Stable, Pcs, oz, dwt, lb, g, kg, Battery low
Memory:	1000 items (or 2000 items)
Programmable data per item:	Item code No., Item name, Item number, Tare weight, Unit weight, Inventory, Set point data 1 to 4
Printing items: (optional built-in thermal printer)	Date/time, Code No., Item name, Weight (or quantity), Total weight (or total quantity), and number of trans- actions

### Connectors on Rear panel:

- Standard I/F
  - Scale interface: Amphenol 14 Pin
  - RS-232C: Din 8 Pin
  - Set point output: Mini Din 8 Pin
- \*RS-232C/RS-485 board
  - RS-232C: Din 8 Pin
  - RS-485: 2 x Modular Jack (RJ45 8 pin)
- \*Analogue output board
  - Analogue output: Din 5 Pin, 4-20mA or 0-5V (or 0-10V), 11 bit resolution

*Note\*: Either one is available for use.*

### General

Internal resolution:	Up to 1/1,000,000
Display resolution:	Up to 1/30,000 <i>**1/7,500</i>
Power source:	A/C adapter (12VDC, 1.25A) Battery (6 x D cell) or Rechargeable battery
Power consumption:	4.6W (1.1W backlight off, 6W with printer)
Operating temperature:	-10 $^{\circ}\text{C}$ to 40 $^{\circ}\text{C}$ <i>**0<math>^{\circ}\text{C}</math> to 30<math>^{\circ}\text{C}</math></i>
Operating humidity:	85%RH Max. (Non-condensing)
Net weight:	3.2kg/7.0lb
Dimensions:	240(W) x 255(D) x 153(H) mm 9.45(W) x 10.03(D) x 6.02(H) inches

*\*\*subject to local regulation*

### Model Variation

- DI - 80, 128KB
- DI - 80, 256KB

### Options

- Built-in thermal printer unit  
(Paper roll 50mm diameter, Paper width 58mm)
- \*RS-232C/RS-485 board
- \*Analogue output board
- Fixed stand block for DIGI Scale Platforms
- Desk top bracket
- Wall mount bracket

*Note\*: Either one is available for use.*

### Peripherals

- Bar code printer
- Bar code scanner



*\*Meets or exceeds the requirements of OIML Class III.  
\*Specifications are subject to change without notice.*

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