



**DISPLAY:**

Large 0.8" 7-segment, 6-digit high-intensity red LED display, Decimal point available at each digit

**STATUS ANNUNCIATORS:**

lb, kg, g, net, motion, center of zero, neg

**KEYBOARD:**

8-key tough control with international symbols

**BAR GRAPH:**

5-segment, 7-range programmable multicolored array tracks  
Over, Under, Accept status in relation to target value

**INTERNAL RESOLUTION:**

50,000 to 1,000,000 based on filtering selection

**DISPLAY RESOLUTION:**

Selectable up to 50,000 dd

**MEASUREMENT RATE:**

25 updates/second

**SYSTEM LINEARITY:**

0.01% of F.S.

**ZERO STABILITY:**

100 nV/°C maximum

**SPAN STABILITY:**

3ppm/°C maximum

**AZM (ZERO TRACK):**

off, ±.5, 1, 2 or 3 dd

**OPERATIONAL AZM:**

±2% or 100% F.S

**MOTION BAND:**

Off, .5, 1, 2, 3, 5, 10 dd

**CALIBRATION METHOD:**

Software

**EXCITATION VOLTAGE:**

10 ± .05 VDC, 4 x 350Ω load cell

**DIGITAL FILTER:**

Software selectable 1, 2, 4, 8, 16, 32, 64, 128

**SENSE AMPLIFIER:**

Differential amplifier with 6-wire sensing

**RFI PROTECTION:**

Signal, excitation and sense lines protection. 33V/m for 100 kHz to 1 GHz, ≤1 μV susceptibility

**DIGITAL OUTPUTS:**

(Optional) 3 TTL outputs (5VDC) or 3 N/O relays (10 watts, 0.5 amp, 100 VDC) or 3 N/C relays to (10 watts, 0.5 amp, 100 VDC)

**EPD PORT:**

Full duplex, RS-232 or 20 mA simplex output (RS-485 optional)

**LINE VOLTAGES:**

Available in 115 or 230 VAC (nom.) models

**FREQUENCY:**

50 or 60 Hz

**OPERATING TEMPERATURE:**

14°F to 104°F (-10°C to 40°C)

**INDICATOR DIMENSIONS:**

9.5" W x 8.5" H x 3.25" D (241mm x 216mm 83)

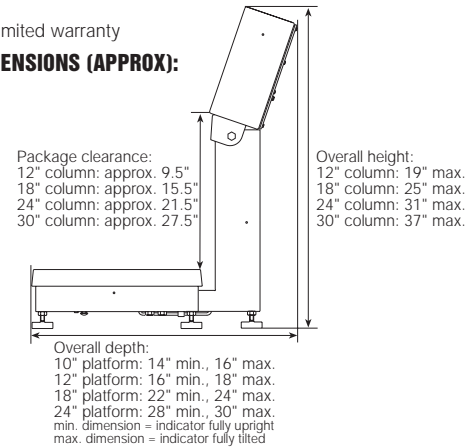
**APPROVALS:**

System approved to 3,000 divisions, NTEP-certified per H-44: Indicator, 10,000d, Class III/IIIL, CC #96-118A1, Base, CC #96-107. Measurement Canada approved: Indicator, AM-5146, Base, AM-5156, OIML certificate #R76/1992-DE-97.02, UL & C-UL listed, CE marked

**WARRANTY:**

Two year limited warranty

**OVERALL DIMENSIONS (APPROX):**



PART #	CAPACITY LB (KG)	PLATFORM DIMENSIONS INCHES (MM)	COLUMN HT. INCHES (MM)	SHIP WEIGHT LB (KG)
35113	6 lb x .002 (3 kg x .001) 96 oz x .05	10" L x 10" W x 3" H (254mm L x 254mm W x 77mm H)	12" (305mm)	20 lb (8.8 kg)
35114	10 lb x .005 (5 kg x .002) 160 oz x .1	10" L x 10" W x 3" H (254mm L x 254mm W x 77mm H)	12" (305mm)	20 lb (8.8 kg)
35115	15 lb x .005 (7 kg x .002) 240 oz x .1	10" L x 10" W x 3" H (254mm L x 254mm W x 77mm H)	12" (305mm)	20 lb (8.8 kg)
35116	30 lb x .01 (15 kg x .005) 480 oz x .2	10" L x 10" W x 3" H (254mm L x 254mm W x 77mm H)	12" (305mm)	20 lb (8.8 kg)
35121	30 lb x .01 (15 kg x .005) 480 oz x .2	12" L x 12" W x 3" H (305mm L x 305mm W x 77mm H)	12" (305mm)	23 lb (10.4 kg)
35122	60 lb x .02 (30 kg x .01) 960 oz x .5	12" L x 12" W x 3" H (305mm L x 305mm W x 77mm H)	12" (305mm)	23 lb (10.4 kg)
35175	100 lb x .02 (50 kg x .01) 1600 oz x .5	12" L x 12" W x 3" H (305mm L x 305mm W x 77mm H)	12" (305mm)	23 lb (10.4 kg)
35176	100 lb x .02 (50 kg x .01) 1600 oz x .5	18" L x 18" W x 5.25" H (457mm L x 457mm W x 134mm H)	18" (458mm)	78 lb (35.4 kg)
35177	200 lb x .05 (100 kg x .02) 3200 oz x 1	18" L x 18" W x 5.25" H (457mm L x 457mm W x 134mm H)	18" (458mm)	78 lb (35.4 kg)
35178	300 lb x .1 (150 kg x .05) 4800 oz x 2	18" L x 18" W x 5.25" H (457mm L x 457mm W x 134mm H)	18" (458mm)	78 lb (35.4 kg)
35179	500 lb x .1 (250 kg x .05) 8000 oz x 2	18" L x 18" W x 5.25" H (457mm L x 457mm W x 134mm H)	18" (458mm)	78 lb (35.4 kg)
35181	200 lb x .1 (100 kg x .05) 3200 oz x 2	24" L x 18" W x 5.25" H (610mm L x 457mm W x 134mm H)	18" (472mm)	95 lb (43.1 kg)
35182	300 lb x .1 (150 kg x .05) 4800 oz x 2	24" L x 18" W x 5.25" H (610mm L x 457mm W x 134mm H)	18" (472mm)	95 lb (43.1 kg)
35183	500 lb x .1 (250 kg x .05) 8000 oz x 5	24" L x 18" W x 5.25" H (610mm L x 457mm W x 134mm H)	18" (472mm)	95 lb (43.1 kg)
35184	1000 lb x .2 (500 kg x .1) 16000 oz x 5	24" L x 18" W x 5.25" H (610mm L x 457mm W x 134mm H)	18" (472mm)	95 lb (43.1 kg)
35185	200 lb x .05 (100 kg x .02) 3200 oz x 1	24" L x 24" W x 5.25" H (610mm L x 610mm W x 134mm H)	18" (472mm)	110 lb (49.9 kg)
35186	300 lb x .1 (150 kg x .05) 4800 oz x 2	24" L x 24" W x 5.25" H (610mm L x 610mm W x 134mm H)	18" (472mm)	110 lb (49.9 kg)
35187	500 lb x .1 (250 kg x .05) 8000 oz x 2	24" L x 24" W x 5.25" H (610mm L x 610mm W x 134mm H)	18" (472mm)	110 lb (49.9 kg)
35188	100 lb x .2 (50 kg x .1) 16000 oz x 5	24" L x 24" W x 5.25" H (610mm L x 610mm W x 134mm H)	18" (472mm)	110 lb (49.9 kg)
<b>KG ONLY (230 VAC)</b>				
66682	3 kg x .001	10" L x 10" W x 3" H (254mm L x 254mm W x 77mm H)	12" (305mm)	20 lb (8.8 kg)
66681	5 kg x .002	10" L x 10" W x 3" H (254mm L x 254mm W x 77mm H)	12" (305mm)	20 lb (8.8 kg)
66680	7.5 kg x .005	10" L x 10" W x 3" H (254mm L x 254mm W x 77mm H)	12" (305mm)	20 lb (8.8 kg)
68667	7.5 kg x .005	10" L x 10" W x 3" H (254mm L x 254mm W x 77mm H)	3" (76.2mm)	20 lb (8.8 kg)
<b>OIML CERTIFIED (230 VAC)</b>				
51200	30 lb x .01 (15 kg x .005) 480 oz x .2	10" L x 10" W x 3" H (254mm L x 254mm W x 77mm H)	12" (305mm)	20 lb (8.8 kg)
51201	30 lb x .01 (15 kg x .005) 480 oz x .2	12" L x 12" W x 3" H (305mm L x 305mm W x 77mm H)	12" (305mm)	23 lb (10.4 kg)
51202	60 lb x .02 (30 kg x .01) 960 oz x .5	12" L x 12" W x 3" H (305mm L x 305mm W x 77mm H)	12" (305mm)	23 lb (10.4 kg)