8000 REPEL
IP69K WASHDOWN INDICATOR

TUFNER WEIGHING SYSTEMS

$n_{max} = 10000$

8000REPEL

CLASS III / IIIL   SP1 SP2 SP3

UNITS · ZERO OFF · NET GROSS · TARE · ON PRINT · SET

HI-TEMP • HI-PRESSURE
IP69K
WASHDOWN SCALE

SPECIFICATIONS

DISPLAY:
1.0", 7-Digit Reverse LCD

UNITS:
lb, kg

ACCURACY CLASS:
Class III at 10,000 divisions
AM-6038C

DISPLAY RESOLUTION:
Up to 100,000 external grads, selectable

EXCITATION VOLTAGE:
+3.3 VDC

LOAD CELL:
8 load cells of 350 Ω maximum

A/D CONVERSION RATE:
10 Hz to 960Hz, selectable

CURRENT CONSUMPTION:
30mA + 15mA per 350-ohm load cell

INPUT SIGNAL RANGE (MV/V):
+/- 3.125

A/D RESOLUTION:
Up to 260,000 internal counts at 2 mV/V

SERIAL OUTPUT:
Full duplex RS-232

POWER (STANDARD):
100-240 VAC, 50/60 Hz

POWER (OPTIONAL):
5 to 15 VDC

NTEP CC:
16-086

NIST CLASSIFICATION:
H-44 Class III/IIIL at 10,000 divisions

OPERATING TEMPERATURE:
-4°F to 104°F (-20°C to 40°C)

WARRANTY:
1 year limited warranty

RATINGS:
IP68 and IP69K,
NTEP CC 16-086
NIST approved @ 10,000 divisions

FEATURES
- NTEP and Canadian certified digital indicator
- The front half of the enclosure is made of Polycarbonate, and the rear half of the enclosure is made of durable and waterproof ABS
- Units: lb, kg
- It is equipped with a large easy to read reverse LCD display and capacitive touch keypad
- It is capable of driving eight 350Ω resistive strain gage load cells
- Functions include Peak, Totalizing (Accumulation), Hold, and Live Weight
- Applications: Piece Counting, Remote Display, Animal/Peak Hold, Checkweigher, Accumulation, Self-diagnostics
- Time / Date
- Internal power supply
- ARM Microprocessor
- USB port for firmware update
- Full front panel configuration
- Gross/Net/Tare: Print Ticket mode with 6 digit ID number
- FIR Filter + Averaging Filter
- Programmable Print Format
- Automatic power off
- Multi-point calibration
- Sealed ABS enclosure is rated for IP67
- Standard communications include one RS-232C port
- Load Cells: Drives up to eight 350 Ohm load cells
- Display: 1.0", 7 Digit Reverse LCD
- Serial Port: Full Duplex RS-232
- Power: AC Adapter, rechargeable battery (optional)
- Construction: Durable ABS NEMA 4x / IP67
- NTEP certified for 10,000 divisions: 16-086

ACCESSORIES
- Thermal Ticket Printer
- Label Printer
- Remote Display
- Indicator Stand

MODEL	DISPLAY	MATERIAL	IP	SHIP WT.
8000 Repel	LCD	ABS Housing	IP69K	7 lbs