



STANDARD FEATURES

- NTEP approved CC - 97-005
- Patented in the U.S. and Canada
- 750lb capacity with .2lb increments possible
- Dual load cell design
- Chain speeds from 45 - 2,100 drafts per hour (species dependant)
- Chain conveyor mechanism reduces trolley rolling and push dog issues
- Designed for harsh environments with sealed load cells enclosed in tubes
- Stainless steel construction

Applications

- Pork, beef, lamb or veal carcass in-motion rail weighing
- Hot or cold scale weighing
- Yield control tracking
- Grade weighing

SPECIFICATIONS

CONSTRUCTION:

Stainless steel

LOAD CELL CONSTRUCTION:

Stainless steel

EXCITATION:

10VD

BRIDGE RESISTANCE:

350 ohms

RATED OUTPUT:

2mV/V

NONLINEARITY:

0.03% full scale

POWER:

Line voltages: 115 or 230 VAC

Frequency: 50 or 60 Hz

Power consumption: 340mA, maximum @ 115VAC (26W) 240mA @ 230VAC (26W)

EXCITATION VOLTAGE:

10 ± VDC, 16 x 350Ω or 32 x 700Ω load cells per A/D card

ANALOG SIGNAL INPUT RANGE:

-10mV to +45mV

ANALOG SIGNAL SENSITIVITY:

0.3µV/graduation minimum @ 7.5Hz

1.0µV/graduation typical @ 120Hz

4.0µV/graduation typical @ 960Hz

A/D SAMPLE RATE:

7.5 to 960Hz, software selectable

RESOLUTION:

Internal resolution: 8 million counts

Weight display resolution: 9,999,999

SYSTEM LINEARITY:

± 0.01% full scale

DIGITAL I/O:

Four I/O channels on CPU board; optional 24-channel I/O expansion boards available

CIRCUIT PROTECTION:

RFI, EMI, ESD protection

SERIAL PORTS:

Four ports on CPU board support up to 115,200 bps; optional dual-channel serial expansion boards available

Port 1: Full duplex RS-232

Port 2: RS-232 with CTS/RTS; PS/2 keyboard interface via DB-9 connector

Port 3: Full duplex RS-232, 20mA output

Port 4: Full duplex RS-232, 2-wire RS-485, 20mA output

DISPLAY (W X H):

4.6in x 3.4in (116 W x 86mm H), 320 x 240 pixel VGA Liquid Crystal Display (LCD) module with adjustable contrast

DIMENSIONS:

Universal: 10.5in W x 10.9in H x 4.5in D
(266 W x 215 H x 114 mm D)

Deep Universal: 10.75in W x 10.75in H x 5.4in D
(273 W x 273 H x 137 mm D)

WEIGHT:

Universal enclosure: 9.5lb (4.3kg)

Panel Mount enclosure: 8.5lb (3.9kg)

Deep Universal: 11lb (5.0kg)

KEYBOARD:

27-key membrane panel, tactile feel, PS/2 port for external keyboard connection

OPERATING TEMPERATURE:

Legal: 14°F to 104°F (-10°C to +40°C)

Industrial: 14°F to 122°F (-10°C to +50°C)

RATING/MATERIAL:

NEMA 4X/IP66, stainless steel

APPROVALS:

CE marked

UL & C-UL listed (Universal, Deep & Wall Mount)

Custom Wall Mount approved for 508A (optional)

Panel Mount UL recognized

WARRANTY:

Two-year limited warranty

Due to the variety of configurations, please consult the factory to discuss application requirements and for complete specifications and price quotations.



www.thescaleshop.net

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