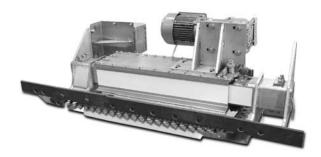
VBS High Accuracy In-Motion

Monorail Scale



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:

2 mV/V

NONLINEARITY:

0.03% full scale

POWER:

Line voltages: 115 or 230 VAC Frequency: 50 or 60 Hz Power consumption: 340 mA, maximum @ 115 VAC (26W) 240 mA @ 230 VAC (26W)

EXCITATION VOLTAGE:

 $10 \pm \text{VDC}, \, 16 \times 350 \,\Omega$ or $32 \times 700 \,\Omega$ load cells per A/D card

ANALOG SIGNAL INPUT RANGE:

-10mV to +45mV

ANALOG SIGNAL SENSITIVITY:

 $0.3\,\mu\text{V/graduation}$ minimum @ $7.5\,\text{Hz}$ $1.0\,\mu\text{V/graduation}$ typical @ $120\,\text{Hz}$ $4.0\,\mu\text{V/graduation}$ typical @ $960\,\text{Hz}$

A/D SAMPLE RATE:

7.5 to 960 Hz, 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, 20 mA output Port 4: Full duplex RS-232, 2-wire RS-485, 20 mA output

DISPLAY (W X H):

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

DIMENSIONS:

Universal: 10.5 in W x 10.9 in H x 4.5 in D (266 W x 215 H x 114 mm D) Deep Universal: 10.75 in W x 10.75 in H x 5.4 in D (273 W x 273 H x 137 mm D)

WEIGHT:

Universal enclosure: 9.5 lb (4.3 kg) Panel Mount enclosure: 8.5 lb (3.9 kg) Deep Universal: 11 lb (5.0 kg)

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