520

DIGITAL WEIGHT INDICATOR

RICE LAKE

Smaller. Faster. More Affordable.

Choosing between compact size and power is no longer an issue. The 520 digital weight indicator gives you both, and at a price that truly sets it apart from the rest.
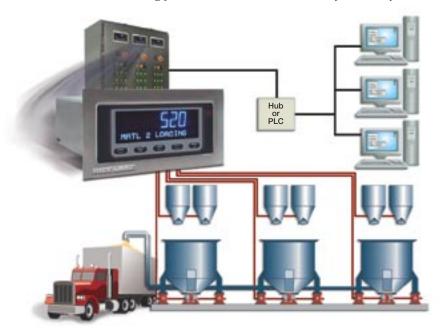

The 520 guides operators through weighing processes with a 16-character prompting display that can be programmed with up to eight different messages.

Performance-driven features allow the 520 to easily integrate into process control, batching, level control, checkweighing and custom systems. Setpoints provide the flexibility to customize system functionality, and selectable A/D speed keeps production flowing. On-board communications enable stand alone connections, while optional fieldbus or Ethernet interfaces make the 520 a powerful tool for capturing shop floor data and delivering it in real time.

The 520 also includes the "extras" that bridge the gap between straight weighing and weight-based process control. Features like peak hold, time and date, counting, and accumulation can be conveniently executed using multi-function keys. But there's more—the 520's accuracy and stability is enhanced by digital filtering that virtually eliminates interference from the vibration and electrical noise common in manufacturing environments.

The 520—delivering process control solutions for today… and beyond.

Connect the 520 to data collection devices with stand alone communications or achieve network integration with optional fieldbus or Ethernet interface cards.

Standard Features

- Large 0.75", seven-digit VFD weight display
- Sixteen character 0.25" VFD prompting display
- Eight configurable operator prompts
- Three digital inputs and four digital outputs
- Selectable A/D measurement rate up to 120/second
- Two communication ports:
  EDP port: full duplex, RS-232 and RS-485
  Printer port: full duplex, RS-232 or 20 mA current loop
- Five programmable ticket formats for Gross, Net, Setpoints, Count and EDP
- Eighteen setpoint kinds
- Panel mount enclosure with a NEMA 4X/IP67 seal for washdown environments
- Rear access for connections
- Programmable stream print format
- Time and date
- Pushbutton or scrolled tare entry
- Over/accept/under checkweigh mode
- Front panel or serial configuration/calibration
- Five point linearization calibration
- Millivolt calibration
- Gravitational compensation calibration
- Expansion port for option card
- Power for (8) 350 ohm or (16) 700 ohm load cells
- Key functions: zero, gross/net, tare, units, print
- Peak hold
- Accumulation function
- Counting function

Options/Accessories

- Analog output: selectable 0-10V, 0-20 mA, 4-20 mA
- Ethernet TCP/IP 10/100 BASE-T module
- DeviceNet™ interface
- Allen-Bradley® Remote I/O interface
- Profibus® DP interface

DeviceNet™

EN©MPASS — ROCKWELL AUTOMATION — AMERICAS PARTNER

PROFI BUS®

Approvals

NTEP   CE   **Measurement Canada Approved**   c UL us LISTED   OIML
       Pending   *Pending*