20i & 22i Weight Indicators

Versatile Stainless Steel indicators for Commercial and Industrial Applications

- Configurable with either LCD or LED display
- Rechargeable battery with smart energy management
- Selectable standard digital I/O with four dry-relay outputs/two opto-isolated inputs
- Standard RS 485, full duplex Interface Compatible with digital load cell interface Alibi memory
- with up to 100k transactions
- Auto-switching, AC power supply 115 VAC to 230 VAC, 50-60 Hz
- OIML and CE certificated
- Plug and play ready for option card interchange
- Configurable conversion speed, up to 40 samples per second
- Standard keypad: 12 numeric keys + 7 functional keys
- Up to two serial communication ports possible

- Eight-step batching software enables greater flexibility
- Modular design for interchangeability
- Configuration as a local or remote unit
- Totalising features with reporting function
- Customisable of ticket formatting
- Available options include: analog output, digital I/O, Ethernet TCP/IP and USB 2.0 board

Features

- Large six-digit display (0.8 in, 20 mm): LCD (22i); LED (20i)
- Built-in weighing and counting modes
- Alibi memory retains last 100k transactions
- Drives up to 10 x 350 Ω load cells (4/6 wires), or up to 20 units of 700 Ω
- Two serial ports for printing and networking, including various serial stream formats
- 20 mA serial port for a remote display
- Stainless steel enclosure (IP67)

- Custom ticket printing—gross, net and setpoint format can be customized up to 300 characters and print time and date, unit ID, and consecutive ticket number
- Accumulation—weights are totaled, with armed print function
- Batching—up to eight batch steps with latched or continuous outputs for gross, net and delay setpoint. Actions include trip high or low, wait for standstill, print, accumulate and tare

- Keyed tare—preset tare value can be entered when the gross weight is at zero
- Local/remote—remote unit displays weight and transmits key press commands to the local unit
- User and operator password protection
- Audit trail tracking
- Time and date

Options

- Rechargeable battery 3.7 V, 5.3 A/h: 42 h operation (22i); 18 h operation (20i)
- Analog output 0/2–10 VDC or 0/4–20 mA Digital
- I/O card, four dry-relay outputs/two opto-isolated inputs for setpoints and batching
- Ethernet TCP/IP and USB 2.0 board

Applications

- Bench and floor scales
- Counting scales
- Inventory control
- Process weighing
- Truck scales
- Various industrial systems

Configuration

Intuition 20i or 22i Indicator

Scale

Process Weighing

22i   20i

PC   USB   Ethernet   RS232/RS485   Current Loop

Printer   Setpoint   Digital Input   Analog Out