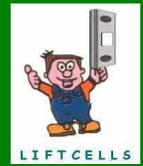# Senior Displays

Summary Details.

The Onetec Senior is housed in a high grade stainless steel enclosure (complete with mounting brackets) boasting 6 X 1" (25.4mm) High Intensity L.E.D. Indication and a backlit 20 X 2 alphanumeric L.C.D. display, the combination of these displays allow operator prompts and alphanumeric data to be indicated. The front panel also includes indication of Zero, Tare, Stable and Running modes plus allows full alphanumeric text input via the keyboard. The Onetec Senior can individually specify up to 16 optoisolated input and output ports, 1 x RS232C serial ports, 16bit 4-20mA output, battery backed time and date, 2 available I2C 8K x 8 FRAM memory plugins, radio telemetry and up to 4 weighing channels.

The Onetec Senior is ideal for batching, recipe storage and formulation, computer links, printout with auditing and a 2 scale sample and bulk weigh count plus many applications thanks to the terminals fully programmable software. Each unit is hand built and tested to a very high standard and all spare parts are UK sourced and available from immediate stock. The Excelsior can also be supplied as a DC unit accepting a wide range of DC voltages or fitted complete with a 10W 110-250VAC SMPS. The standard format includes the L.C.D. display indicating Capacity and Tare values, keyboard supporting Zero, Preset Tare and Tare/Tare Recall. The Onetec Senior is available as a non-trade version (6000 divisions). Also available is the Onetec Senior **Weighstation** (see above photo). This unit employs a 4 x 20line large character alphanumeric display and 24bit 4 channel A-D conversion to indicate, individually or collectively, each of the 4 weigh structures on one display. You can disable any channel via the keyboard and show any channel in any order you require. A full printout is available plus the ability to enter, again via the keyboard, full alphanumeric text for print headers. This indicator is perfect for multi-pad vehicle weighing or multi-silo monitoring.

Specifications.

Display: 6 digits, 25.4mm (1") high LED display and 2 x 20 Backlit Alphanumeric LCD display.
Membrane: Polyester, tactile action with pocket for tailored functions
Enclosure: Splash proof, 260mm x 160mm x 65mm High Grade Stainless Steel.
Operating Temperature: -10 to +40 degrees C
Load cell Capability: 4 individual weigh channels, up to 16 x 300R load cells.
Conversion: 24bit Sigma Delta A-D.
Input Range: 0 - 150mV Linearity: 0.0015% F.S.
Temperature Drift: 2 p.p.m per degree C
Update Speed: 7ips or 30ips - user selectable
Internal Resolution: 300,000 counts for 10mV input (2mV per volt load cell)
Display Resolution (Type Approval): 6000 divisions
Calibration: Keyboard routine.
Power (Mains Option): Mains version: 75-250vac 50/60Hz Auto Selection.
Power (D.C. Option): 6-26vdc
Factory fitted Options: 4 Weighing Channels, 16 programmable I/O ports for process control, Serial RS232C communications, 4-20mA Output, Radio Telemetry, 2 plugin 8K x 8 FRAM memory capability, Time and Date (battery backed), 1 x 16 and 4 x 20 Large Character Backlit LCD options for bespoke applications (replaces standard displays).