Aircraftscales.com
Aircraft weighing equipment, aircraft scales and more.

Aircraft Scales
M2000-3-10CS
M2000-3-10BS
M2000-3-25CS
M2000-3-25BS
M2000-3-50CS
920-4-10CS
Platform Scales
M2000-3-10KP
Load Cells
Large jet scales
M2000-3-100CS
920-4-100CS
Jack Adapters
Contact Us

M2000-3-25CS Quote: $6495.00 + Shipping
Three 25,000lb cell transducers, one inch mounting, 75,000lbs total system capacity, digital indication.

Click on this picture to go to our jack mounting page

**M2000 Features:**
- Units conversion: lbs/kg
- Resolution: +/- 520000 A/D internal counts
- Sampling rate: 100 times a second per channel
- Span stability: 2ppm/deg C
- Zero Stability: 5nV/deg C
- Linearity correction: 10 span entries
- Calibration Method: calibration through software stored in flash memory
- Calibration Sealing: physical seal or Class1 Audit Trail system, password protected
- Tare: Keyboard and scale tare, multiple tare id's can be stored in memory
- Time and Date: Y2K compliant time/date clock, internal battery backup
- Power On: selectable on/off switch

**Communications:**
- Analog Output: optional 4-20mA board via Smart Wire
- Serial Output: 2 full duplex RS232/RS422 ports
- IO Interface: peripheral expansion through Smart Wire multi drop RS485 port
- External IO: up to 6 channel setpoint via Smart Wire
- Baud Rate: 150-32,400 bps, selectable

**Display:**
- Size: 6 digit, 7 segment 1" red LED
- Filtering: Fast Step quick response algorithm adjustable filter
- Modes: display from CH1, CH2, CH3, Scan, and total of all channels.

**Electrical:**
- Power Requirements: 110VAC 12VDC 1A
- Temperature Range: -10deg C to + 40deg C
- Setpoints: 6 programmable setpoints per channel
- Sense Amplifier: differential amplifier with 4 and 6 wire
- RFI Protection: filtered signal, excitation and sense lines

**Approvals:**
- Canada: Class III/IIIHD 10000
- USA: NTEP Class III/IIIII 10000
- OIML: Pending

NIST traceable certification to calibration master.
One year warranty on parts and labor, calibration on sale. 10% charge on returned sets for inspection, certification, calibration checks and restocking.

**Cell Specifications:**
- Machined from steel to receive aircraft jack pads
- Calibrated to customer specifications
- Capacities are available in 5,000, 10,000, 15,000, 25,000, 30,000, 50,000 and 100,000lb cells
- Accuracy: 1/10th of 1% full span or better (factory calibration) 1/4 of 1% in the field or better
- One inch mounting on standard aircraft jacks
- Additional adapter mountings are available as an option (see below)
Wiring:
- Shielded, 4 conductor cable: 7.5mm.
- Standard cable length:
  10t: 10m; 25t - 100t: 20m; 10Klb - 500Klb: 9m.
- Cable type and cable length for customer's own application are available on request.

<table>
<thead>
<tr>
<th>Capacity</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.25t</td>
<td>73</td>
<td>82.5</td>
<td>38.23</td>
<td>58</td>
<td>7.75</td>
<td>2.6</td>
<td>64</td>
<td>31.8</td>
<td>M12x1.75</td>
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<tr>
<td>10.25,50K</td>
<td>(2.85)</td>
<td>(3.25)</td>
<td>(1.5)</td>
<td>(2.28)</td>
<td>(0.31)</td>
<td>(0.10)</td>
<td>(2.25)</td>
<td>(1.25)</td>
<td>1/2-20UNF</td>
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</tbody>
</table>
Load cells are available in the capacities 5Klb, 10Klb, 15Klb, 25Klb, 50Klb 100Klb to 500Klb. They offer 17-4PH stainless steel construction, electronic hermetic sealing, oil-proof, waterproof and anti-corrosive gas and medium making them lightening protected in all kinds of environment. Multiform column design, for aircraft scale and other electronic testing and weighing devices.

**Important Features**
- Capacities: 5Klb to 500Klb.
- High accuracy.
- Total stainless steel construction, four column construction, reliable performance.
- With OIML approval: (PTB:D09-07.11)

Contact Larry Jackson for information and ordering at: [larryjackson@jawsscales.com](mailto:larryjackson@jawsscales.com) 561-281-6179