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TECHNOLOGY GROUP

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Nickel Plated Presses

Most SCHMIDT presses can be made available fully nickel plated for cleanroom applications.



SQM700 Peak Load Monitor with TT44 Load Cell

The SQM700 Peak Load Monitor can be preset to high and low limits. Peak force is captured during the press cycle, then compared to preset limits. Based on the result, a relay output is set. Fault conditions need to be reset. Beginning and end of monitoring window can be defined via force threshold, position sensor input or a combination of the two. Load cell is sold separately.

Specifications for SQM700 Monitor:

- 6 Digit Display
- Single channel operation
- Power supply: 110 / 220 VAC
- Ready for ram positioning switch interface
- NO / NC relay status output
- Peak hold
- Non-linearity: 0.02% full scale
- Peak capture rate: 33Hz probe trigger
- Peak capture rate: 6Hz threshold trigger

This load cell can easily be installed in the press ram. The load cell essentially is a 2″ extension of the press ram, as there is a precision shank on the top side and a bore on the bottom side of the same diameter as the ram bore.

Specifications for TT44 Load Cell:

- Capacities 1K, 2K, 5K, 10K, 15K, OR 22K lb.
- Output: 2 mV/V
- Non-linearity: 0.25% full scale
- Non-repeatability: 0.01% full scale
- Deflection at maximum load: 0.001 inch
- 5 ft stainless steel metal flex hose and sensor cable

- Overview (https://www.schmidtpresses.com/products-overview/)
- Automation and Components (https://www.schmidtpresses.com/product-category/automation-and-components/)
  - Options (https://www.schmidtpresses.com/product/options/)
  - Mechanical Accessories (https://www.schmidtpresses.com/product/mechanical-accessories/)
  - Control Accessories (https://www.schmidtpresses.com/product/control-accessories/)
  - Workstation (https://www.schmidtpresses.com/product/workstation/)
  - Guarding (https://www.schmidtpresses.com/product/guarding/)
  - Single Press Workstations & Safety Concepts (https://www.schmidtpresses.com/product/single-press-workstations-safety-concepts/)
  - Rotary Indexing Table & Press Systems (https://www.schmidtpresses.com/product/rotary-indexing-table-press-systems/)

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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We're here to make your life easier. How can we help you today?

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