

Additel 710

Automated Gauge Reader



Overview & Key Benefits



- Fully automated calibration when paired with Additel pressure controllers and ACal software—
- Accurate gauge readings regardless of lighting conditions—delivers consistent results
- Built-in tapper—improves measurement stability and consistency



AI-Powered Visual Calibration



- Intelligent motorized system automatically centers the instrument and adjusts camera distance and zoom for optimal focus across different gauge sizes
- Will work with panel mount and rear ported gauges



Overview & Key Benefits



- **Automated Barcode & QR Recognition**
- An integrated camera and scanner quickly read a wide range of barcode and QR code formats, enabling fast and reliable instrument identification.
- Once scanned, the system automatically retrieves detailed instrument data through ACal software—including model, manufacturer, range, accuracy, and scale information—and displays it in real time. This streamlines setup, reduces manual entry, and minimizes errors.



Contamination Prevention System



- ADT108-KIT Pneumatic For pressure up to 3,600 psi
- ADT109-KIT Hydraulic for pressure up to 15,000 psi



Multi-Unit Cascade Calibration



- Multiple units can be connected in parallel using cascaded stainless steel piping to create a scalable calibration system. When automated with Additel ACal, up to ten ADT710 units can be daisy-chained together.



Specifications & Ordering



- Pressure Range: -14.5 to 15,000 PSI (-1 to 1,035 Bar) for liquid media (gas: to 6,000 PSI)
- Working Medium: Nitrogen, compressed air, or liquid
- Camera: HD Camera (50 Million Pixels) with auto zoom and focus
- Recognition Accuracy: Better than 0.1 division
- Display: 5-inch TFT Touch Screen
- Communication: WLAN, Ethernet
- Size & Weight: 7.48 × 10.82 × 15.43 in (190 × 275 × 392 mm), 8.5 kg
- Model: ADT710 with pressure port options (N, N2, B, B2, M)
- Optional: Cascading Connection Kit (ADT100-710-KIT) for multi-unit operation
- Warranty: 1 Year | Certification: CE

Q&As



Please send any questions you have right now using the question box in your webinar controls.

After the webinar, if you think of any more questions, please feel free to contact Katarina Ost via email:

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For related product information, go to: <https://www.transcat.com/brand/additel-store>