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TECHNICAL DATA SHEET • TORQUE MEASUREMENT & QUALITY CONTROL



Model: DTXS Series

IMADA DTXS Digital Cap Torque Tester

High-Precision Digital Cap Torque Tester | Capacities up to 85 lbf-in (10 N-m)

The **IMADA DTXS Cap Torque Tester** is an easy-to-use, high-precision digital torque tester that features a large, bright OLED electro-luminescent display. Designed to accurately measure tightening (CW) and loosening (CCW) torque on bottles, vials, and containers.

It accommodates clamp diameters from 0.75" up to 6.25" (19 - 158 mm) using the standard table. The unit features selectable real-time and peak modes, extensive data memory, and programmable high/low setpoints with visual LED indicators.

TECHNICAL SPECIFICATIONS & DETAILS

Manufacturer: IMADA	**Model Series:** DTXS
Accuracy: ±0.5% F.S. ±1 LSD	**Resolution / Display:** 4-Digit OLED
Operating Modes: Real time & Peak (CW / CCW)	**Overload Protection:** 200% Full Scale (110% Alarm)
Power Supply: Rechargeable Ni-MH Battery or AC	**Weight:** 10 lbs (4.5 kg)

KEY FEATURES & CAPABILITIES

The DTXS series provides advanced functionality for quality control and packaging engineers. Includes a 3-Point Calibration Certificate traceable to NIST. Continue to Page 2 for complete model capacities and ordering options.

- **High-Visibility OLED:** The bright electro-luminescent display allows for easy reading in various lighting conditions and viewing angles.
- **High-Speed Data Sampling:** Processes up to 2,000 samples per second via USB output, capturing peak torque accurately for precise analysis.
- **Data & Integration:** Built-in memory stores up to 1,000 data points. Features multiple output options including USB, RS-232, Digimatic, and Analog (±2 VDC).

MODEL CAPACITIES & ORDERING INFORMATION

COMPLETE MODEL CAPACITIES & FORCE RANGES

Model Number	Primary Capacity	Equivalent Ranges
DTXS-4	4.000 lbf-in	5.000 kgf-cm | 50.00 N-cm
DTXS-15	15.00 lbf-in	20.00 kgf-cm | 200.0 N-cm
DTXS-40	40.00 lbf-in	50.00 kgf-cm | 500.0 N-cm
DTXS-85	85.0 lbf-in	100.0 kgf-cm | 10.00 N-m

ORDERING & PRODUCT OPTIONS / ACCESSORIES

Part Number	Description
DT-ST	Small Table for CAP-DTXS with 3/8 inch Rubber Coated Pegs (For 0.25" to 2" diameter containers).
TB-P	Set of four (4) 1 inch Rubber-Coated Pegs for DTXS tester.
TB-SP	Stabilizer bar for DTXS torque tester.
CB-208	RS-232 Cable for DTXS Data Transfer.
CB-308	Digimatic Cable for DTXS Data Transfer.
ISO-17025-CT	ISO-17025 Accredited Calibration with Certificate.



Ready to Order or Request a Quote?
Contact ABQ Industrial sales engineers for pricing, calibration certificates, and delivery options.

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