

Solar Connector Assembly Tool Torque Limiter - 3.5 Nm



Features

1 **Purpose-Built for Solar:**
Calibrated to 3.5 - Ideal for use on MC4, H4, QC4, and compatible PV connectors rated up to 1,500 VDC.

2 **Certified Accuracy:**
Tested and verified by an ISO/IEC 17025 accredited laboratory with NIST-traceable calibration.

3 **Consistent Performance:**
Repeatability better than 2%, ensuring confidence with every connection.

4 **Universal Compatibility:**
Designed for use with all major connector brands, including Stäubli and Amphenol.

5 **Safe, Simple, and Smart:**
Prevents cross-threading, over-torque damage, and inconsistent electrical contact.

SPECIFICATIONS

- Torque Range:
3.5 Nm (31 in-lbs)
- Accuracy:
±4% verified by
ISO/IEC 17025 lab
(industry standard is ±6%)
- Repeatability:
< 2%
- Calibration:
ISO/IEC 17025 &
ANSI/NCSL Z540-1
Exceeds ISO 6789-1
- Material:
Highly-Durable
Anodized Aluminum



SCAT 3.5 Nm

FASTER, SAFER, EASIER

The SCAT Solar Connector Assembly Tool is a torque-limiting hand tool designed to ensure every solar connector is assembled to the exact specification. No guesswork, no over-torquing, no failures. Engineered for solar professionals, SCAT eliminates connector-related field issues by providing precise, repeatable torque every time.

Why Choose SCAT

- Reduces rework and connector failure rates by over 90% (based on internal field testing).
- Proven to improve installation consistency
- Verified calibration and traceability.
- Superior accuracy exceeding industry standards ($\pm 6\%$ typical).
- Exceptional consistency across units and field conditions.
- Independently tested and verified for performance and safety.

The SCAT Torque Limiter has undergone extensive torque verification testing, demonstrating both precision and durability under real-world solar installation conditions.

“We don’t just sell solar tools, we build confidence in every connection.”

Simple to Use



Torque Limited to 3.5 NM

