optimum
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FLUKE®

New Fluke TL175 TwistGuard™ Test Leads

Twist. Test.

Technical Data

TL175 TwistGuard™ Test Leads offer:

- Patented TwistGuard™ extendable tip shroud that meets new electrical safety requirements to reduce tip exposure while providing the versatility needed for most measurements
- New WearGuard™ lead wire wear indicator. Each test lead is covered by two layers of silicone insulation; inner contrasting color is exposed when the leads are nicked, scuffed, or otherwise damaged and in need of replacement
- Double insulated silicone leads. TL175 withstands high temperatures and remains flexible in cold temperatures
- Extra-heavy strain relief on both probe-end and plug-end, tested beyond 30,000 bends without failure
- Universal input plugs compatible with all instruments that accept standard 4 mm shrouded banana plugs
- Probes always show correct category rating for tip exposure being used
- TL175E also available. Includes removable 4 mm lantern tips for versatility
- Conforms to EN61010-031
- Ratings: CAT II 1000 V, CAT III 1000 V, CAT IV 600 V, 10 A max., Pollution Degree 2
- Environmental ratings: -20 °C to 55 °C (-4 °F to 131 °F), altitude: 2000 m (6,562 ft)

The new Fluke TL175 TwistGuard™ Test Leads are the only test leads in the world with adjustable length test tips for use in different measurement environments. By simply twisting the test lead the user can change the exposed probe tip length from 19 mm to 4 mm (0.75 inch to 0.16 inch).

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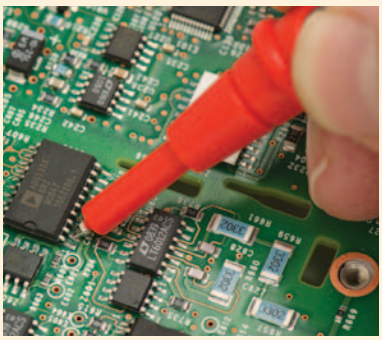
TL175 TwistGuard™ Test Leads



Reduce tip exposure for accurate placement

Extreme strain relief tested to withstand over 30,000 bends

Increase tip exposure for CAT II probing

Universal plugs compatible with all 4 mm shrouded inputs

Reduce tip exposure for CAT III testing

WearGuard™ indicator shows insulation damage

Ordering information

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