



# OPTICAL FIBER CABLE TORSION TESTER

Optical Fiber Cable Torsion Tester is used to determine the ability of optical fiber cable to withstand mechanical twisting. This machine is specially designed in accordance with IEC-60794-1-2-E7

## APPLICATIONS

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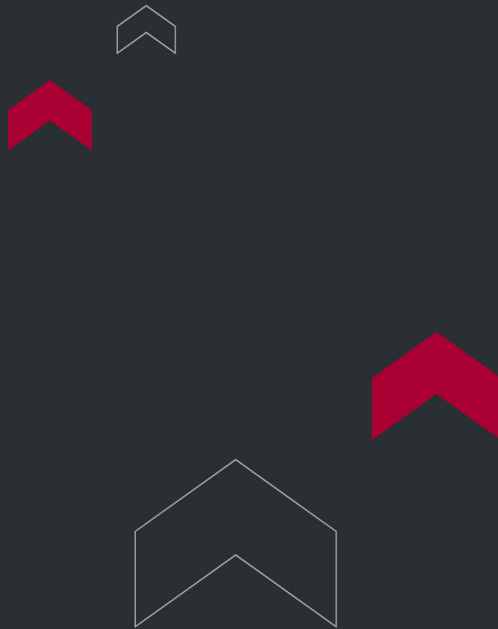
- **Telecommunication Cables** – Tests durability against twisting during installation and operation.
- **Elevator and Lift Cables** – Ensures cable reliability under repeated torsional stress.
- **Industrial and Robotic Systems** – Verifies performance of cables exposed to rotational movements.
- **Automotive and Transport Wiring** – Confirms torsion resistance in confined or moving environments.
- **Aerospace and Defense** – Validates strength of specialized cables under mechanical twisting.
- **Laboratories and Quality Control** – Provides standardized IEC 60794-1-2-E7 torsion testing for certification.

## TECHNICAL SPECIFICATIONS

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|                                      |                                                                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                | TTOFCTO                                                                                                                                      |
| Torsion angle                        | $\pm 90^\circ$ , $\pm 180^\circ$ , $\pm 360^\circ$                                                                                           |
| Max. distance between grips          | 1000mm (or upon request)                                                                                                                     |
| Max. twisting cycles                 | 1-9999 cycles                                                                                                                                |
| Frequency Range                      | 5 - 30 cycles per min.                                                                                                                       |
| Mass of weights for applying tension | 1 - 10kg                                                                                                                                     |
| Power supply                         | Please specify voltage and frequency before placing the order. Power must be free of spikes and surges exceeding 10% of the nominal voltage) |

|           |                     |
|-----------|---------------------|
| Dimension | 2000 x 650 x 1420mm |
| Weight    | 200kg               |



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