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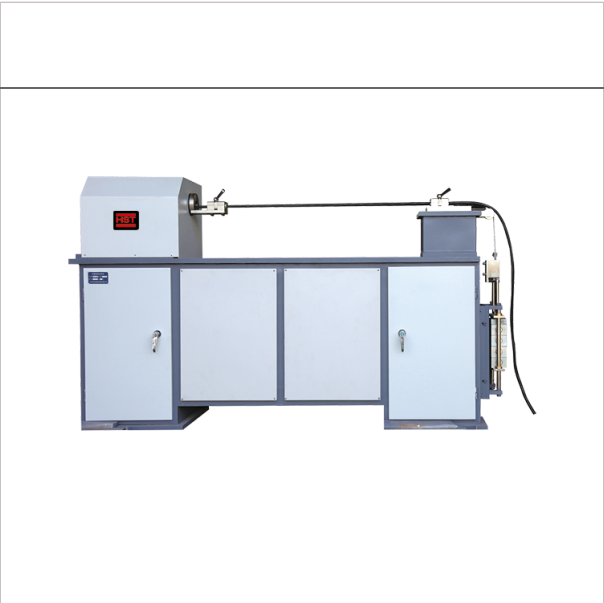
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Optical Fiber Cable Torsion Testing Machine GNZ-1000 Series

Product description:

1 Overview GNZ-1000SeriesOpticalFiberCableTorsionTestingMachineisintendedto establish the ability of a fiber optic cable to withstand mechanical twisting. Sample The length of the specimen under torsi



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PRODUCT DETAILS

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1 Overview

GNZ-1000 Series Optical Fiber Cable Torsion Testing Machine is intended to establish the ability of a fiber optic cable to withstand mechanical twisting.

Apparatus

The actual sample length is longer than the part under torsion to allow connecting the fibers to be tested.
The twisting apparatus consists of two cable gripping devices or clamps, one fixed and one that can rotate. The distance between the clamps is connected to suitable turning equipment. The clamps are designed to prevent crushing force on cable and to allow the cable end to exit from both sides to allow optical measurements.

2 Technical Parameters

1. Torsion angle: $\pm 90^{\circ}$, $\pm 180^{\circ}$, $\pm 360^{\circ}$;
2. Torsion length: 1000mm;
3. Setting range of testing times: 1 ~ 9999;
4. Setting range of frequency: 5-30 times/min;
5. The torsion times will be automatically recorded. When reaching to the preset times, the test is automatically terminated;
6. Mass of hammer: the mass of pre-stressed hammer is 27.5kg, in which, poise bracket (5kg), 4 5kg poises and 1 2.5 poise.
7. Dimension:
Host dimension: 2010×520mm
Dimension of control panel: 540×410mm
8. Power supply: 3-phase 4-wire, 50Hz, 1KW. In which, power of motor is 0.55KW;
9. Ambient temperature: 10°C ~ 40°C
10. Ambient humidity: less than 80% (Non-condensing).

