

Fiber Cable Repeated Bending Tester

1. Introduction

This machine is mainly used for optical cable bending performance testing, including type testing and factory testing, to determine the ability of optical cables to withstand bending. The microcomputer controlled optical cable repeated bending testing machine is mainly composed of a host computer and a control box. The main machine is composed of a frame, crank connecting rod device, weight hanger, guardrail, weights and bending wheels (bending wheel diameters are 150mm, 200mm, 300mm).

2. Technical Parameters

1. Bending angle: $\pm 90^\circ$;
2. Test number setting range: 1~9999;
3. Rate setting range: 10~30 times/minute;
4. Weight of the weight: weight bracket (about 5kg, the weight bracket is subject to the actual measurement), 4 5kg weights, 1 2.5kg weight, 1 1kg weight;
5. Power supply: three-phase four-wire, 50Hz, 1.5kW;
6. Ambient temperature: $10^\circ\text{C}\sim 40^\circ\text{C}$
7. Environmental humidity: less than 80% (no condensation);

FOCUS IN MATERIAL TEST

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