

## KS-OFWB Optical Cable Bend (Winding) Testing Machine



*(picture just for reference )*

### Overview:

*GJR-300 Series Optical Fiber Cable Bend (Winding) Testing Machine is intended to determine the ability of an optical fiber cable or cable element to withstand bending around a test mandrel such as U bend and S bend.*

*The sample is wrapped in a close helix around the mandrel at a uniform rate. Sufficient tension is applied to ensure that the sample contours the mandrel. The sample then is unwrapped.*

*A cycle consists of one wrapping and one unwrapping.*

**Parameter:**

Mandrel diameter (Drive)	mm	D200, D300
Mandrel diameter (Slave)	mm	D300
Positioning range of slave mandrel	mm	0-250
Max. bending cycles	Cycles	1-9999
Winding frequency	Cycles/min	2-20 (Clockwise / Anticlockwise)
Winding velocity	r/min	12
Mass of weights for applying tension		Weight bracket: 5kg 1 pieces of 5kg weight increment, 1 piece of 2.5kg weight increment.
Dimensions (L*W*H)		
Working frame	mm	1000*720*1300
Control console	mm	400*300 * 800
Power		3-phase 4-wire, 50Hz, 1kW.

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