

FPT-H1 Loadcell Calibration Check Rig



Description

The Loadcell Calibration Check Rig is a bench-top pulley and cord jig which allows the on-site verification of the calibration status of the loadcell of an FPT-H1 Friction Peel Tear tester. Using dead-weight masses suspended on a hanger (ordered separately), the kit allows you to quickly decide whether or not adjustment, recalibration or repair is required. The pulley jig is clamped to the bench-top, the weights are carefully added and the load reading on the console is checked to verify if it is within the manufacturer's specification of $\pm 0.1\%$ of the rated capacity of the loadcell.

When a loadcell is beyond its recommended calibration date, this will be indicated when you switch the system on. It should be returned to Mecmesin or your distributor, for recalibration in a controlled laboratory environment. The Calibration Check Rig does not replace the need for regular professional calibration under controlled laboratory conditions by Mecmesin-approved providers.

The calibrated slotted masses are available for a 10 N or 100 N loadcell.

Specifications

Part No.	Description
432-635	FPT Calibration verification pulley-jig (excluding masses)
432-655	Lightweight hanger and 5 N slotted mass for verifying FPT 10 N
432-656	Lightweight hanger and 50 N slotted mass for verifying FPT 100 N



432-635 Pulley jig clamped to bench-top and calibrated weights applied for loadcell accuracy verification



FS 58553

Mecmesin reserves the right to alter equipment specifications without prior notice.

E&OE

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