No. 404 MULLEN TYPE BURSTING STRENGTH TESTER FOR TEXTILE

No.404

No.404-YPO
Option: Pneumatic Clamp Spec

No.404
(Touch Panel Type)

JIS-(L1018), L1085, L1096, (JASO)

FEATURE

This tester is used to evaluate the bursting strength of textile according to the Mullen Method. The operator is to clamp the test specimen onto the tightening board and apply pressure through a rubber membrane mediator. The maximum pressure when the test specimen bursts subtracted by the strength of the rubber membrane is measured for calculating the bursting strength of the test specimen.

SPECIFICATION

Specimen	150 × 150 mm
Clamp	Upper φ30.48 ± 0.03 mm Lower φ31.5 + 0.25 mm Upper and Lower both with 60°V Groove
Pressing Speed	98 ± 4 ml/min
Pressure Gauge	Choose 2 kinds (0.3, 0.6, 1.4, 2.0, 4.5 and 7.0 MPa)
Accessories	Rubber Membrane: 10 pcs, Membrane Height Gauge, Fixing Tool
Option	Digital Pressure Gauge, Pneumatic Clamp Spec (YPO), Touch Panel Type
Power Source	AC 100 V, 1-Phase, 10 A, 50/60 Hz
Dimensions/ Weight (Approx.)	W400 × D400 × H850 mm/ 80 kg W400 × D500 × H560 mm/ 85 kg (YPO)

No. 409 WATER PENETRATION RESISTANCE TESTER FOR TEXTILE

No.404

JIS-L1092, ISO-811

FEATURE

This tester is to conduct A Method (Low Water Pressure) water penetration tests (Hydrostatic Fluid Pressure Method). The test specimen is clamped and applied water which the amount is increased at a constant speed, and the operator is to measure the water level when the water flows out from 3 places of the back side of the test specimen. The tester can also conduct Constant Water Pressure Method test and Water Leakage Method tests.

SPECIFICATION

Water Column	1 m or 1.5 m
Manometer	1,000 mmH_2O or 1,500 mmH_2O (Scale 1 mmH_2O)
Pressing Speed	10 ± 0.5 cm/min or 60 ± 3 cm/min
Specimen	150 × 150 mm
Clamp	Inner φ113 mm (Effective Area 100 cm^2)
Power Source	AC 100 V, 1-Phase, 3 A, 50/60 Hz
Dimensions/ Weight (Approx.)	W500 × D350 × H1,800 mm/ 70 kg

*Power source, dimensions, weight may differ by specifications.