

FLEXURAL TESTING MACHINE

Standard: BS EN 491, EN 538, BS 6073:1

Breaking & Compression Strength

The machine is equipped with a DC motor. Flexural, breaking and compression strength tests can be performed under load or displacement control by using suitable accessories up to the machine capacity. Supplied with 50 kN capacity load cell. Consist with two layer rounded metal bearers in a horizontal plane whose centers are spaced of the hanging length of the specimen to be tested, and a single rounded metal upper bearer positioned centrally between the two lower bearers. The testing machine consists of base containing the transmission components and holds two robust columns connected by upper cross head and digital graphics data acquisition and control system. The upper cross head can be adjusted to set the vertical test space for different tests.



Technical Specifications :

Model Number	NL 4043 X / 001
Max. Capacity	50 x 0.01 kN sensitivity
Display Unit	Eco-Smartz Controller with Touch Screen Display
Max. Vertical Test Space	300 mm (H) x 550 mm (W)
Load Rate	0.02 kN/s - 2 kN/s (Depends on Specimen Stiffness)
Distance between Lower Rollers	400mm Max.
Memory Storage	550 Test Result
Approx. Dimensions	830 (L) x 663 (W) x 1135 (H) mm
Power	240 V, 0.37 kW, 3 A, 1Ph, 50 / 60 Hz
Approx. Weight	225 kg

Set Consists Of :

Model Number	Descriptions	Qty
NL 4043 X / 001 - P 001	50 kN 'S' Type Load Cell	1 pc.
NL 4043 X / 001 - P 002	Single Upper Bearer (Ø38 x 550 mm lg.)	1 pc.
NL 4043 X / 001 - P 003	Double Lower Bearer (Ø38 x 550 mm lg.)	2 pcs.
NL 4043 X / 001 - P 004	Cranked Handle (Calibration Adjustment)	1 no.
NL 4043 X / 001 - P 005	Hard Rubber Piece	1 pc.

*1 copy of Instruction Manual

Optional Accessories :

Model Number	Descriptions
SP - TL1610SC	Portable Micro Printer (Serial)
NL HWPR - 44	High White Paper Roll 44mm x 33mm Dia. (5rolls/pack)



NL MMP-100