



Control Panel

COLD BEND TESTING MACHINE (6-50mm DIA.)

Standard: ISO 15630-1, ISO 7438 or ASTM A615

Cold Bend / Rebend Test

The Cold Bend Testing Machine is specialized equipment designed to perform cold bending tests, including forward and reverse plane bending tests on reinforcing steel bars.

Features:

- Compact structure
- Simple operation, easy maintenance
- Intuitive bending angle display
- Stable operation, safe and low noise

Technical Specifications :

Model Number	NL 6001 X / 007
Rebar Bending Diameter	Ø 6 - Ø 50 mm
Forward Bending	Adjustable from 0° to 180°
Reverse Bending	90° to 120°
Roller Center Distance	366 mm
Working Plate Diameter	Ø 860 mm
Working Plate Speed	1.4 s
Product Dimension	1300 (L) x 1200 (W) x 1200 (H) mm
Packing Dimension	1400 (L) x 1300 (W) x 1300 (H) mm
Approx. Weight	1200 kg
Packing Weight	1230 kg
Power	380~415 V, 4 kW, 3 Ph, 50/60 Hz

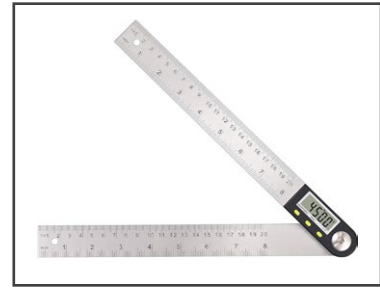
*1 Copy of Manual Instruction

Selectable Options :

Mandrel Size	Options For Rebar Diameter (mm)			
	1	2	3	4
	BS EN ISO 15630-1	ASTM A615	MS 146	SS 560
18	6	-	6	6
21	7	-	7	7
24	8	-	8	8
27	-	-	9	9
30	10	-	10	10
36	12	#3 (9.5 mm)	12	12
39	-	-	-	13
42	14	-	14	-
48	16	-	16	16
54	18	-	-	-
64	-	#4 (12.7 mm)	-	-
80	20	#5 (15.9 mm)	20	-
88	22	-	-	-
96	-	#6 (19.1 mm)	-	-
110	26	#7 (22.2 mm)	-	-
120	-	-	-	20
125	-	#8 (25.4 mm)	25	-
132	-	-	-	22
140	28	-	-	-
150	-	-	-	25
160	32	-	32	-
168	-	-	-	28
190	38	-	-	-
192	-	-	-	32
200	40	#9 (28.7 mm)	-	-
224	-	#10 (32.3 mm)	-	-
240	-	-	-	40
250	-	-	36	-
280	-	#11 (35.8 mm)	40	-
300	50	-	-	50
350	-	#14 (43.0 mm)	50	-

Unit Consists Of :

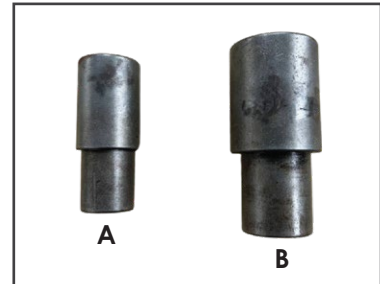
Model Number	Parts Description	Qty
NL 6001 X / 004 – P 003	Digital Angle Ruler	1set
NL 6001 X / 007 – P 001	Bending Pin Type A	1set
NL 6001 X / 007 – P 002	Bending Pin Type B	1set
NL 6001 X / 007 – P 003	Mandrel Holder Type A	1set
NL 6001 X / 007 – P 004	Mandrel Holder Type B	1set



Digital Angle Ruler

Optional Accessories :

Model Number	Accessories Description
NL 6001 X / 007 – A 001	Mandrel (Ø 18 mm)
NL 6001 X / 007 – A 002	Mandrel (Ø 21 mm)
NL 6001 X / 007 – A 003	Mandrel (Ø 24 mm)
NL 6001 X / 007 – A 004	Mandrel (Ø 27 mm)
NL 6001 X / 007 – A 005	Mandrel (Ø 30 mm)
NL 6001 X / 007 – A 006	Mandrel (Ø 36 mm)
NL 6001 X / 007 – A 007	Mandrel (Ø 39 mm)
NL 6001 X / 007 – A 008	Mandrel (Ø 48 mm)
NL 6001 X / 007 – A 009	Mandrel (Ø 120 mm)
NL 6001 X / 007 – A 010	Mandrel (Ø 132 mm)
NL 6001 X / 007 – A 011	Mandrel (Ø 150 mm)
NL 6001 X / 007 – A 012	Mandrel (Ø 168 mm)
NL 6001 X / 007 – A 013	Mandrel (Ø 192 mm)
NL 6001 X / 007 – A 014	Mandrel (Ø 240 mm)
NL 6001 X / 007 – A 015	Mandrel (Ø 300 mm)



Bending Pin



Mandrel Holder

