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NOVA INSTRUMENTS PVT.LTD.

(AN ISO 9001:2015 CERTIFIED COMPANY)

QUALITY PRODUCT

CUSTOMIZED DESIGN

QUICK SERVICE

"NOVA" Fixed Radius Mandrel Bend Tester



Semi-Automatic Model



Automatic Model

Sales Inquiry

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Technical Inquiry

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: +91 79 25857055, service@novainstruments.in

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: **Nova Instruments Pvt. Ltd.**

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FIXED RADIUS MANDREL BEND TEST APPARATUS (FLEXIBILITY MACHINE)

Introduction: The instrument is designed for Fixed Radius Bending suitable for bending of sample of size 200mm [L] x 25mm [B] x 20mm [Th] (including coating) OR as per your requirement with different mandrel size.

FEATURES	SEMI-AUTOMATIC Model	AUTOMATIC Model
As per Canadian Standard Z245 20 02 and others	✓	✓
Hydraulic System	✓	✓
Suitable for up to 20 mm thick sample (Advanced model for up to 25mm & more thick sample) Optional	✓	✓
Centre portion Bending of the sample (Newly Design)	✓	✓
Bending towards backside which ensure User safety	✓	✓
Single Phase Motor	✓	✓
Heavy Duty Pipe Framework Body	✓	✓
Castor Wheel for Movability	✓	✓
Anti-Vibration Pad	✓	✓
Emergency Stop	✓	✓
Two Free Mandrel	120mm & 220mm radius	120mm & 220mm radius
Display Type	NO	TOUCH SCREEN
Operating Type	Manual Push Button	Automatic One Touch operation – starting to End with Time & Pressure - load information
Safety Lock	Sensors + Safety Cover	Sensors + software monitoring Pressure load Control + Safety Cover
Pick Pressure - load Measurement	NO	✓
Timer Calibration Certificate	NA	✓
Built in Timer to validate Test Time completion as per Standard	NO	✓
Pressure Graph applying on Sample	NO	Optional
Optional available Mandrel: 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm, 115mm, 120mm, 125mm, 130mm, 135mm, 140mm, 145mm, 150mm, 155mm, 160mm, 170mm, 180mm, 190mm, 200mm, 225mm, 250mm, 275mm, 300mm, 325mm, 350mm, 375mm, 400mm, 425mm, 450mm, 475mm, 500mm, 550mm, 600mm, 650mm, 700mm, 750mm, 800mm, 850mm, 900mm, 950mm, 1000mm, 1050mm, 1100mm, 1200mm.		

-----DATA & DESIGN SUBJECT TO CHANGE DUE TO CONTINUOUS UPDATION--Rev 1 – PIPE 9/19

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