

# Panel Bending Tester - Offline



## Automated bending testing ensures accurate data

Our Panel Bending Tester - Offline (formerly known as Metriguard 830) uses the ASTM D3043 (Method C) test method to measure the stiffness (EI) and strength of structural panels accurately in both parallel and perpendicular orientations. It measures panel deflection using a digital encoder, so there is no need for micrometers or other manual measurements. The test sequence is automated, and the resulting data is recorded and stored automatically. In addition, the Panel Bending Tester includes network connectivity for easy access to test data and records. Testers also record the density of the panel and average panel thickness. It defines the ultimate load at Failure (MOR).



## Key benefits



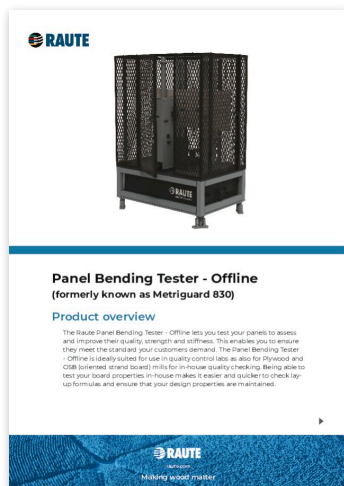
EASY AND FAST  
INSTALLATION AND  
START-UP



BEST QUALITY ON THE  
MARKET



## Downloadable material



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# Technical specifications

## Panel Bending Tester - Offline

Length (in/mm)	128 / 3251
Width (in/mm)	63 / 1600
Height (in/mm)	116 / 2946
Mass (lbs/kg)	2,300 / 1 045
Min. Clearances (in/mm)	145x97x72 / 3683x2464x1829
Panel size (ft)	4x4
Panel Thickness (in/mm)	[1/4 – 1 1/8] / [7-28]

# Analyzers for Panel Handling

## Ensure the panel quality in the final pass

Raute's products cover all technologies for panel handling.

Panel repairing can help you achieve the best possible smooth surface quality. Ecological and efficient panel repairing is at the heart of our development. Panel repairing visual analyzers are designed to identify repairable defects on any plywood and optimize panel repairing efficiency. Repairing the defects maximizes the panel's end quality and value, enabling better recovery for the whole mill.

Panel testers allow you to test your panels to evaluate and improve their quality, strength and stiffness. Using a panel tester ensures that your final product meets the structural standards. Testing your panel properties in-house also makes it easier and quicker to check lay-up formulas and ensure that your design properties are maintained.



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Making Wood Matter