

Panel Performance Tester - Offline
**CONCENTRATED LOAD AND IMPACT
PANEL TESTING MACHINE**



Designed to perform testing consistent with the PS 2 Standard

Panel Performance Tester - Offline (formerly known as Metriguard 820) is a semi-automated (impact load testing requires operator assistance), computer-controlled machine designed to perform testing which is consistent with PS 2 concentrated static, impact load, and deflection test requirements. The unit is equipped with a "floating bed" that facilitates impact testing.



Key benefits



EASY AND FAST
INSTALLATION AND
START-UP



BEST QUALITY ON THE
MARKET



Technical specifications

Panel Performance Tester - Offline

| | |
|-------------------------|----------------------------|
| Length (in/mm) | 58 / 1473 |
| Width (in/mm) | 39 / 990 |
| Height (in/mm) | 81 / 2057 |
| Mass (lbs/kg) | 2,900 / 1 315 |
| Min. Clearances (in/mm) | 130x87x81 / 3302x2210x2057 |
| 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 technologies cover all stages of panel handling, ensuring that every panel reaches its highest possible value. Panel repairing plays a key role in achieving smooth, high-quality surfaces. Our ecological and efficient repairing solutions are designed to identify repairable defects on any plywood and optimize the entire repairing process. By repairing defects accurately, mills can maximize end-product quality and improve overall recovery.

Even a single undetected defect can cause a panel to be downgraded, potentially cutting its value by more than 50%. With improved defect-detection accuracy, only the critical defects are identified and repaired according to their actual size. This ensures precise use of repair materials, protects panel value, and realizes the full potential of the product. Recognizing the panel's value already at the repairing line enables mills to maximize profitability across the entire production flow.

To complement repairing, Raute's panel testers allow you to evaluate and improve panel quality, strength, and stiffness. Testing properties in-house ensures that every panel meets structural standards and makes it easier and faster to validate lay-up formulas and maintain the required design characteristics.

Learn how optimized panel handling and accurate defect detection safeguard panel value and elevate your product quality.



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Making Wood Matter