



Metriguard Model 820

QL-2: Concentrated Load and Impact Panel Testing Machine

Description

The TECO QL-2 Panel Performance Tester is a fully automated, computer-controlled machine designed to perform testing which is consistent with PS 2-07 concentrated static, impact load, and deflection test requirements. The QL-2 is equipped with a "floating bed" that facilitates impact testing. The QL-2 tests panels for:

- Concentrated load and deflection
- Ultimate (failure) load
- Impact load
- Edge-supported configurations

The QL-2 can test panels from 1/4 inch to 1-1/8 inch in thickness. The test spans that can be accommodated include 16, 20, 24, 32, 40, and 48 inches.

General Features

- Three 48-inch joist simulators to accommodate testing of full 4-foot by 8-foot panels
- Three edge support extensions for testing tongue-and-groove (T&G) panels
- Floating panel bed to ensure proper alignment between concentrated static load and impact load testing (eliminates operator intervention and guesswork)
- Impact load arm with automated load release
- Operating Manual contains operating instructions, maintenance recommendations, and a troubleshooting guide

*Dedicated PC and monitor included. Printer to be provided by client. *Input single-phase power 115V/230V @ 20A/10A

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