

## 12KN System

### Dual-Level Pneumatic Fixture Press Test System

Don't be the Bottleneck.

CheckSum's 12KN Press is designed for high volume applications for boards / panels with up to 5200 test points and built-in dual-level probing for easy physical isolation



CHECKSUM

## 12KN Test System Features

- Easily integrates with any CheckSum test electronics
- Standard dual-level probing for ICT, In-System Programming and functional tests
- Integrated rack/cabinet for optional third party instrumentation
- 5200 Test Point Capability
- Ergonomically friendly slide-in fixtures, straight-in and out, top and bottom lock-in for safety
- Rapid and smooth press actuation
- Operator safety light curtain
- CE certified, light curtain equipped



## Abbreviated Specifications

### System Environmental Requirements

- The test system operating temperature range is 0°C to +35°C with 0 to 80% RH (without condensation). Rated accuracy at  $\pm 10^{\circ}\text{C}$  from calibration temperature. Maximum altitude for operation is 3000m (9843 ft.)
- Power 110-120/220-240 VAC 50/60Hz. 1.5kVA
- Compressed air 95-120 psi (655-827 kPa). with 40 micron filtering. 100 PSI (690 kPa) required for full probe loading. 2.7 SCFM typical maximum (less than 1 cv) intermittent operating flow rate.
- System weights: Approximately 350 lbs. (159 kg) and shipping weight is approximately 450 lbs. (204 kg)
- System footprint: 45" x 40" (114 x 102cm)

### 12KN Pneumatic Fixture System Features

- Compatible with existing CheckSum KIT1000-QC, and KIT2KN-QC fixtures
- Fixture KIT28 probe area (approximately) 24 x 13.2 inches (61 x 33.5 cm); up to 28 wiring blocks.
- Fixture KIT20 probe area (approximately) 16 x 13.2 inches (40.6 x 33.5 cm); up to 20 wiring blocks
- Pneumatic press provides up to 2700 pound force (12000 newtons) capability
- Small system footprint: 45 x 40 inches (114 x 102 cm) with 7U rack space available for customer selected instruments
- CE Conformance

