



ABOUT PTC

Pacific Trinetics Corp. (PTC) has been dedicated to providing innovative, state of the art equipment and manufacturing systems for the electronics industry since 1987.

A US company, globally renowned for its equipment quality and longevity in the micro-ceramic industry, PTC has a footprint in multilayer ceramic components (MLCC) and multi-chip modules (MCM) industries including High and Low-Temperature Co-fired Ceramics (HTCC & LTCC) and solid-state batteries.

Pacific Trinetics' factory automation division builds on years of experience, partnering with industry leaders to streamline and automate production facilities towards becoming smart factories. PTC's expertise in automation, IoT and Big Data analysis has helped companies excel in Industry 4.0.

CONTACT INFORMATION

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RT06001

PTC SCREEN PRINTER



KEY FEATURES

OVERVIEW

- High repeatability of printing pressure (± 1.5 psi / 0.01 MPa)
- High accuracy of positioning mechanism (± 5 μ m)
- Quick squeegee change mechanism

SOFTWARE

- PTC Specific state of the art user interface
- Universal data communication

PTC CUTTING-EDGE

- Easy to operate, low maintenance
- Worldwide technical support
- A high quality, cost-efficient screen printing system

MODELS

PTC RT Series Screen Printing System

RT06001 (Up to 6" Tape)

RT08001 (Up to 8" Tape)

RT10001 (Up to 10" Tape)

SPECIFICATIONS

Print Area	Up to 10" x 10"
Screen Frame Size	12.5" x 12.5"
Table Travel	Adjustable by +/- 5mm on all axes
Resolution	0.0013 mm
Repeatability	± 0.005 mm
Position Accuracy	± 0.005 mm
Squeegee Motion	Servo Motor
Screen Head	Adjustable from 0 - 20 mm
Printing Distance	Digital Indicator

OPTIONS

Automatic Load / Unload Mechanism

Pacific Trinetics Corporation's Standard Screen Printer is designed and engineered to meet the demanding requirements of today's sophisticated ceramic sheet printing. The system's proprietary control software combined with the state of the art motion control system ensures printing accuracy of ± 5 μ m.

PTC's Screen Printer design allows single print or double print with a self-adjusting squeegee leveling system. Four guide shafts stand on a base plate to support the screen frame. The stage can be adjusted and locked in X, Y, and Theta directions using high precision cameras. The printing area is enclosed as the machine is being operated.

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