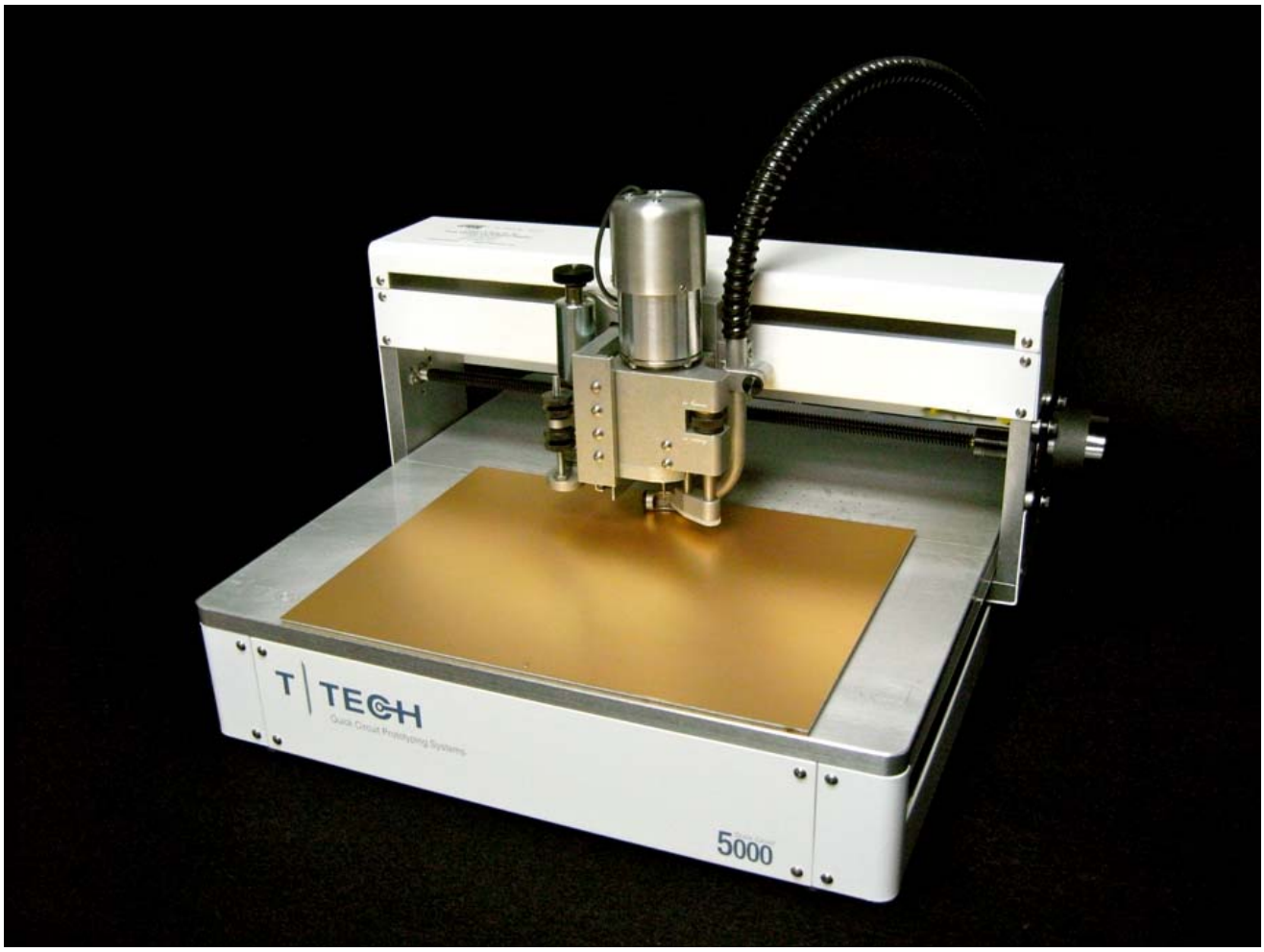
T | TECH
Quick Circuit Prototyping Systems

[redacted] Phone: 770.455.0676

QUICK CIRCUIT QC5000S-E



QC5000 - XY Milling Table with 10”x13” Work Area

Standard model includes: 8,000-24,000 RPM Spindle, Cables, Users Manual & Start-Up Kit.

Affordable and economical, T-Tech's Quick Circuit Standard Model provides everything you need to produce circuit board prototypes within hours. The Standard Model has software controlled spindle speeds allowing variable motor speeds between 8,000 and 24,000 RPM, making it an excellent fit for many applications. This system also comes standard with IsoPro software, which enables automatic data conversion from almost any CAD package. The software is designed to be intuitive, eliminating lengthy learning curves for the engineer. IsoPro software also has the ability to import DXF and export Gerber data.

Commonly used in: Education, Power Supplies, Analog Circuits, Low Speed Digital

Optional Upgrades: 5-60K Variable Spindle, Pneumatic Z-Axis, Vacuum Table

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QC MODEL 5000S-E

SYSTEM SPECIFICATIONS

SPECIFICATIONS	QC 5000S-E
Spindle Speed RPM	8,000-24,000 RPM
Software Controlled	Variable Speed
Machine Weight	24kg (53 lbs)
Smallest Drill Hole Size	0.2mm (0.008”)
Max. Milling Speed	60 ipm (1.5 m)
Max. Traverse Speed	60 ipm (1.5 m)
Drilling Speed/Solenoid or Air	60 ipm (1.5 m)
Max. Routing Speed	3.82 (150”) min
Torque	2.8 N-cm (4oz-in)
Average Hits Per Bit	11,000
Minimum Trace / Space	0.100mm / 0.100mm (0.004” / 0.004”)
Board Work Area Machine Dimensions	25cm x 33cm (10” x 13”) (15.3” x 17” x 10”)
Tool size Resolution Repeatability Effective stroke Vertical Travel Vertical Clearance Minimum Trace/Space Power Supply Computer Requirement Supported File Formats	3.175mm (0.125” Shank Diameter) Industrial Standard 0.006mm (0.00025”) 0.006mm (0.00025”) 5mm (0.2”) w/Solenoid; 16mm (0.630”) w/Air Cylinder 16mm (0.630”) 17mm (0.670”) 0.100 mm / 0.100 mm (0.004” / 0.004”) 100-240 Volt, 50-60Hz Windows 2000 or XP Standard Gerber, Excellon/NC Drill, HPGL and Optional DXF