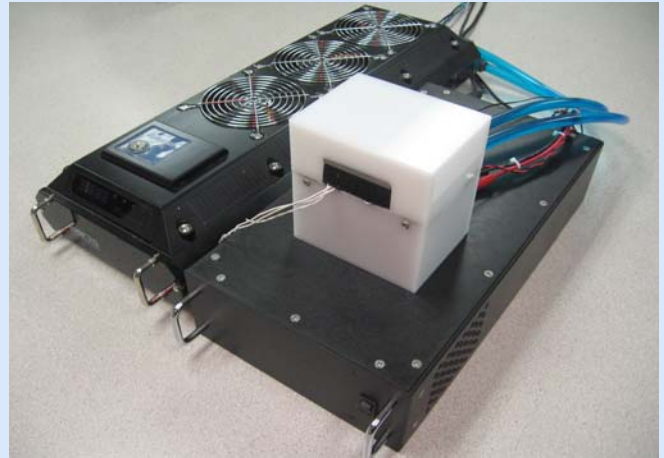


Integrated Temperature Controlled Thermal Platform

TCP0100 Features:

- Supports single diode or array
- Integrated PID controller
- Simple windows-based software i/f
- Flexible side clips for securing diode
- Small table top mount
- Temperature control range 5-150C



TCP0100 Thermal Platform
Shown with low temperature heat exchanger

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Overview

For LED manufacturers and solid state lighting developers requiring thermal control of single diodes and arrays, the TCP0100 integrated temperature controlled thermal platform provides an easy to use, off-the-shelf, integrated thermal platform. The TCP0100 flexible side clip architecture enables usage on most diode packages.

Applications

- ❑ Cooling for single diode or array
- ❑ T_j and thermal resistance measurement
- ❑ LED control design validation
- ❑ High voltage LED monitoring
- ❑ Optical Measurements
- ❑ Optical Power
- ❑ Chromaticity

General Specifications

Electronic	
Type:	Integrated temperature controlled thermal platform
Input Power:	100V-240V, 50-60 Hz universal AC adapter included
Input Power Connector:	Three prong power cord
Temperature Stage	
Platform	80mmx107mm
Center Accuracy	+/- 0.2%C
Edge Accuracy	+/- 0.4%C
Heat Exchanger	
TCP0200-HELT	To 85C
TCP0200-HEHT	To 150C
Physical	
Environment:	Room temperature
Size:	10.72" x 8.378" x 3.526"
Weight:	Approximately 5 lb
Mounting:	Benchttop /Desktop
Other	
Warranty:	1 year

Ordering Information

Part Number	Description
TCP0100	Integrated Thermal Control System
TCP0200-HELT	Heat Exchanger Low Temperature
TCP0200-HEHT	Heat Exchanger High Temperature



For more information see www.vektrex.com
Contact: Melissa Ford
Phone: (858) 558-8282 x6
melissa@vektrex.com