

IHT Integrated Hot Tester

TEST
AUTOMATION



- Fully Controlled Test Temperature at PCB Level
- High Volume
- Easy Width Adjustment
- Easy Fixture Exchange
- SMEMA Compatible
- Optional Dual Track
- Optional Second Handler

IPTC
EXPERTS IN FACTORY AUTOMATION

IHT Integrated Hot Tester

PCB Specification	
PCB Width:	50 - 261 mm (2 - 10.3")
PCB Length:	60 - 440 mm (2.3 - 17.3")
PCB Thickness:	> 0.5 mm (> 0.02")
PCB Weight:	max 2.5 kg
PCB Edge Support:	min. 2.0 mm (0.08") - max. 3.5 mm (0.14") adjustable
Height of Components (Top Side):	max. 80 mm (3.1")
Height of Components (Bottom Side):	max. 40 mm (1,57")
Handler Technical Specification	
Number of handlers:	1 (optionally 2 back to back)
Test Temperature:	50 - 125 °C (122 - 257 °F)
Accuracy of Temperature:	± 2 °C (3.6 °F)
Temperature Control:	Manual adjustable for both tester 1 and tester 2
Change-over time for fixture:	< 1 min (top & bottom), after cool down
PCB Exchange Time:	4 sec typical
Max. Press Down Force:	3,000 N
Transport system handler:	Belt
Transport Speed Belt Conveyor:	max. 460 mm/sec (18"/sec) [independent for both lanes]
Built-In Test Equipment space:	2 x 12 HE
Cooling down time for fixture:	< 10 min from 125 °C (257 °F) to 80 °C (176 °F)
Oven Technical Specification	
Number of conveyors:	1 front rail fixed (optional dual lane, outside lanes fixed)
Method of Heating:	Convection of Hot Air (Recirculating)
Temperature Range Oven:	50 - 150 °C (122 - 302 °F)
Transport system oven:	Friction free roller and 500 mm belt
Transport Speed Friction Free Roller:	max. 300 mm/sec (12"/sec) [independent for both lanes]
Profile Change:	10 min for ± 20 °C
Cool Down Time (to open door):	10 min
Heat Up Time:	25 min
General Technical Specification	
Transport Height:	940 + 25 mm (37" + 1") SMEMA
Transport Direction:	L -> R for both lanes
Energy Requirements:	3 x 400 V + N, 63 kVA (80 kW single lane, 82 kW dual lane)
Compressed Air:	6 bar - 20%, according to DIN ISO 8573 3.4.5
Color:	RAL 7035, RAL 7037
Dimensions (L x D x H):	3,450 x 1,650 x 1,804 mm (135.8 x 63.9 x 71.0")
Standards:	CE Approved



■ EUROPE

IPTE n.v.
Industriezone 9
Geleenlaan 5
3600 Genk
Belgium
Tel.: +32 (0)89 623 000
Fax.: +32 (0)89 623 010
email: info@ipte.com

■ AMERICAS

IPTE, LLC
5935 Shiloh Road East
Suite 100
Alpharetta, GA 30005
USA
Tel.: +1 678 807 0067
Fax.: +1 678 807 0072
Email: info@ipte.com

■ ASIA

IPTE INDUSTRIAL AUTOMATION Co. Ltd.
105 Building (A Zone) Fu Min Cang Qiao
Economy Town, No. 19 Yu Xiu Road,
Song Jiang Zone, Shanghai 201600,
China
Tel.: +86 21 6772 3122
Fax.: +86 21 6772 3125
Email: info@ipte.com