ThermalAir® Accessories

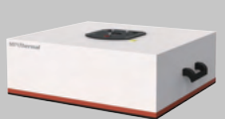
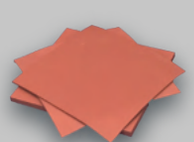
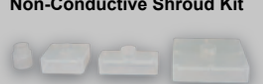
An Evolution in Localized Temperature Test Systems

Information Sheet

MPI Thermal ThermalAir®
A Division of MPI Corporation

The ThermalAir TA-Series has a wide range of accessories that are attached to the Thermal Air Stream Arm and Flex Hose located at the end of Thermal Head output gas nozzles.

They incorporate an intuitive full function for the ThermalAir users with the flexibility to accurately test in a variety of ways at the thermal test workstation.

	Standard Types and Dimension	Part Numbers
Double Pane Hi-Temp Thermal Glass Cap Enclosures **Round** **Rectangle**	**Thermal Glass Caps** **Round Glass Caps** A. Glass Cap, ID 2.5 inch, Round B. Glass Cap, ID 3.28 inch, Round C. Glass Cap, ID 4.5 inch, Round D. Glass Cap, ID 4.7 inch, Round E. Glass Cap, ID 5.5 inch, Round F. Glass Cap, ID 5.7 inch, Round G. Glass Cap, ID 7.0 inch, Round H. Glass Cap, ID 8.0 inch, Round I. Glass Cap, ID 10.0 inch, Round **Rectangle/ Square Glass Cap** A. Glass Cap, ID 22.5*13.5 cm, Rectangle, TA-5000A/ TA-3000A B. Glass Cap, ID 22.5*14.5 cm, Rectangle, TA-5000A/ TA-3000A C. Glass Cap, ID 25.0*25.0 cm, Square, TA-5000A/ TA-3000A **ESD Rectangle Glass Cap** A. Glass Cap, ID 4.0x9.5x3.0 inch, Rectangle, ESD, With Diffuser, TA-5000A/ TA-3000A	A. T910TA5KC250010 B. T910TA5KC320010 C. T910TA5KC450010 D. T910TA5KC470040 E. T910TA5KCP50001 F. T910TA5KCP50000 G. T910TA5KCP70000 H. T910TA5KC800001 I. T910TA5KC100040 A. T910TA5KREC0040 B. T910TA5KREC0100 C. T910TA5KREC0060 A. T910TA5KREC0090
Hood Style Compact Chamber 	**Compact Chamber Enclosures** **Hood Style & Clamshell Style** A. Compact Chamber, Hood, ID 35.6W*12.3H*40.8D cm, TA-5000A/ TA-3000A B. Compact Chamber, Clamshell, ID 35.4W*15.6H*40.6D cm, TA-5000/ TA-3000	A. T910TA5KHOD0010 B. T910TA5KCLS0020
Clamshell Style Compact Chamber	**Flex Transfer Hoses** A. Flex Hose, 2 ft (0.6 m) B. Flex Hose, 3 ft (0.9 m) C. Flex Hose, 4 ft (1.2 m) D. Flex Hose, 5 ft (1.5 m) E. Flex Hose, 6 ft (1.8 m)	A. T910TA5KFH20030 B. T910TA5KFH30000 C. T910TA5KFH40020 D. T910TA5KFH50020 E. T910TA5KFH60030
Thermal Gas Transfer Flex Extender Hose	**Silicone Insulation Foam Rubber** A. Accessory, Silicone Insulation Foam Rubber, 3 Sheets, (12”x12”x0.125”), (12”x12”x0.25”), (12”x12”x0.5”) B. Accessory, Silicone Insulation Foam Rubber, 3 Sheets, (18”x18”x0.125”), (18”x18”x0.25”), (18”x18”x0.5”)	A. T910YY000000010 B. T910YY000000020
Silicone Insulation Foam Rubber 	**Static Dissipative Insulation Rubber** A. Accessory, Static Dissipative Insulation Rubber 12”x12”x1.6mm B. Accessory, Static Dissipative Insulation Rubber 18”x18”x1.6mm	A. T100MPAD1501670 B. T100MPAD1601410
Non-Conductive Shroud Kit 	**Non-Conductive Shroud Kit** A. Accessory, Non-Conductive Shroud, ID 2.5"x2.5", Square B. Accessory, Non-Conductive Shroud, ID 4.25"x4.25", Square C. Accessory, Non-Conductive Shroud, ID 3.5"x1.18", Rectangle D. Accessory, Non-Conductive Shroud, ID 1.25", Rround	A. T100MPAD1400450 B. T100MPAD1500310 C. T100MPAD1500330 D. T100MPAD1500320
Conductive Shroud Kit	**Conductive Shroud Kit** A. Accessory, Conductive Shroud, ID 2.5"x2.5", Square B. Accessory, Conductive Shroud, ID 4.25"x4.25", Square C. Accessory, Conductive Shroud, ID 3.5"x1.18", Rectangle D. Accessory, Conductive Shroud, ID 1.25", Rround	A. T100MPAD1501500 B. T100MPAD1501490 C. T100MPAD1501520 D. T100MPAD1501510

Temperature Solutions MPI Thermal A Division of MPI Corporation **For The Future** CE ISO9001 Certified

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MPI *ThermalAir*® End Effector

The TA-5000A can also be used with a Thermal End Effector adapter interfaced to the end of Thermal Head Arm and Stand, designed to adapt to the end user's device under test. The exact use of this device depends on the user's thermal test application.

Thermal Adapter w/ dry air purge
Purge Adapter

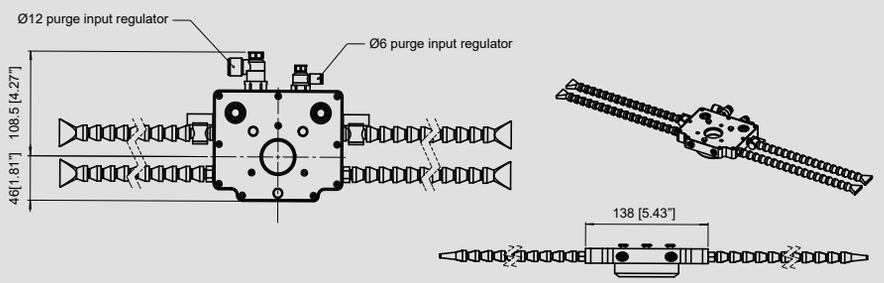
Thermal Adapter w/ Integrated Heated Purge
i-Purge Adapter

5" Head Nozzle Extension (Shroud ID 1.25")
Purge Adapter, 6-Tubing

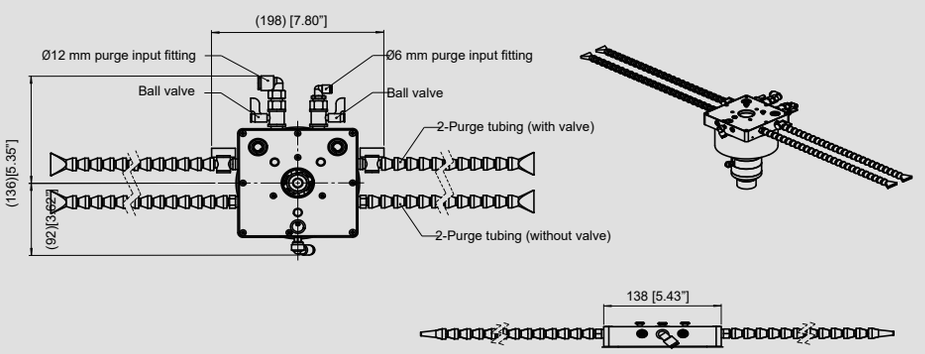
Air Distribution Manifolds with Rectangle Glass Cap

* Note: The Air Distribution Manifolds are only used for 22.5 x 13.5 cm size of Rectangle Glass Cap.

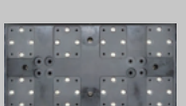
Standard Types and Dimension	Part Numbers
Adapters for Thermal Head	
A. Adapter, Purge Adapter, TA-5000A/ TA-3000A	A. T910TA5KPUA0020



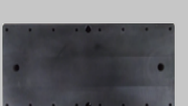
B. Adapter, i-Purge Adapter, TA-5000A/ TA-3000A	B. T910TA5KIPA0001



C. Adapter, Purge Adapter, 6-Tubing, TA-5000A/ TA-3000A	C. T910TA5KPUA0011
i-Purge Adapter Interface	
A. Accessory, i-Purge Adapter Interface Shroud, ID 3.5"x1.18", Rectangle	A. T910TA5KIPI0001
B. Accessory, i-Purge Adapter Interface Shroud, ID 2.5"x2.5", Square	B. T910TA5KIPI0011
C. Accessory, i-Purge Adapter Interface Shroud, ID 4.5"x4.5", Square	C. T910TA5KIPI0021
D. Accessory, i-Purge Adapter Interface Shroud, ID 1.25", Round	D. T910TA5KIPI0031
E. Accessory, i-Purge Adapter Interface Shroud, ID 4.5"x1.18", Rectangle	E. T910TA5KIPI0041
Air Distribution Manifolds	
A. Accessory, Air Distribution Manifold, 8 Sockets, Rectangle Glass Cap	A. T910TA5KADM0000
B. Accessory, Air Distribution Manifold, Standard, Rectangle Glass Cap	B. T910TA5KADM0010



(8 sockets) Air Distribution Manifold



(Standard) Air Distribution Manifold

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