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so your equipment works exactly as you specify.

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Find the *Mettler Toledo MiniMapper* at our website: ***Click HERE***



MiniMapper®

2006 Configuration Guide

DC13602079 iss07Jan06 (Effective January 1, 2006)

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Overview:

The MiniMapper Workstation is a multifunctional platform designed for:

- Accurate and precise liquid handling.
- Flexibility throughout, with easy to use software and modular rack designs.
- Embedded controller and small system footprint. More functionality utilizing less space.
- Reliable, unattended operation.
- Standard racks and vessels.
- Easy to use platform with features specific for the MiniBlock product line.
- Optional air and moisture sensitive reagent handling.

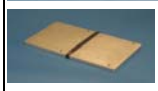
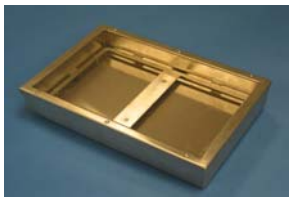
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MiniMapper™ Workstations

PART NO.	WORKSTATION		
	MiniMapper Workstation:		
15102860	☐ **MA 750: MiniMapper Workstation** Workstation includes the following: • **MA 750** *MiniMapper Workstation* with Dual Axis Z arm • High Resolution Syringe Drive • Hastelloy Triaxial Cannula with Ports for Inert Gas, Vent, and Solvent Dispensing. Allows Reagent and Reactant transfers to be performed under inert conditions. • Embedded Workstation Controller with Mouse, Keyboard, and Flat Screen Monitor • MiniMapper Application Software		
	One Choice Needed to Complete Your Order:		
	Choose (1) Syringe Size		
15102864	☐ **1.0 mL Syringe**		
15102865	☐ **2.5 mL Syringe**		
15102866	☐ **5.0 mL Syringe**		
15102867	☐ **10.0 mL Syringe**		
	Deck Configuration Options **Racks and locator plates are sold separately. Detailed descriptions are on pages 7-8. The MiniMapper workstation will accommodate the following deck configurations:** *Please Note: Space Saver Rack Part # 13530012, 4-Position 125 mL Stock Vial Rack, locates in front of the MiniMapper Wash Station and works for all Deck Configurations. PURCHASE OF THIS RACK IS HIGHLY RECOMMENDED..* • One, 2-Position MiniBlock / XT Locator Plate, (2-MiniBlock Capacity) and 3 Standard Racks • Two, 2-Position MiniBlock / XT Locator Plates, (4-MiniBlock Capacity) and 2 Standard Racks • One, 4-Position MiniBlock / XT Locator Plate, (4 MiniBlock Capacity) and 2 Standard Racks • One, 4-Position MiniBlock Locator Plate, One, 2-Position MiniBlock / XT Locator Plate, (6 MiniBlock Capacity) and 1 Standard Rack ⚠**Optional Enclosure Sold Separately** **Installation & Familiarization**		

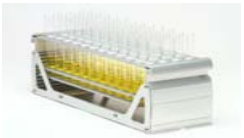
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MiniMapper™ Workstations

PART NO.	WORKSTATION		
13200964	☐ **MiniMapper Synthesis Module:** The Synthesis Module allows up to two MiniBlock, XT or XT-Plus reaction blocks to be heated or cooled with stirring on the deck of the MiniMapper. This allows the MiniMapper to perform many of the functions of an automated synthesizer in addition to its existing inert liquid handling capabilities without additional upgrades to the software or hardware. The Synthesis Module includes: • Integrated manifold that allows for convenient connection of inert gas and two sets of recirculator fluid hoses to up to two reaction blocks allowing reaction blocks to be supplied with heating and/or cooling fluid simultaneously • All fittings and hoses required for connecting up to two reaction blocks to a single source of inert gas and two sources of recirculated fluid • Heat dispersion adapter for IKA stirrer units to optimize location of two XT or XT-Plus reaction blocks on two IKA stirrer units and allow even heating across two temperature zones • Locater plate for positioning up to two XT or XT-Plus reaction blocks on two IKA stirrer units to optimize location for stirring, and used during heating or cooling of XT-Plus reaction blocks by means of a temperature control recirculator (Note: not to be used when heating with IKA hot plates) Options include: • Two IKA hotplate/stirrer units with heating control up to 160°C (existing IKA stirrer units used in conjunction with XT reaction blocks can be used) • Insulated ice bath which can be seated on two IKA stirrer units to allow for sub-ambient reaction conditions without the use of a temperature control recirculator The Synthesis Module configuration allows for two racks (for reagent or sampling vials), in addition to one bulk reagent rack to be placed on the deck. The Synthesis Module can be easily taken on and off the deck of the MiniMapper.	   	
	Synthesis Module Options		
13511161	☐ **IKA Hotplate Stirrer, 115V/60 Hz**		
13511164	☐ **IKA Hotplate Stirrer, 230V/50/60 Hz**		
13200965	☐ **Synthesis Module Insulated Ice Bath for two XT Reaction Blocks** Insulated ice bath which can be seated on two IKA stirrer units to allow for sub-ambient reaction conditions without the use of a temperature control recirculator		

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MiniMapper™ Racks and Locators

PART NO.	RACKS AND LOCATORS		
13530910	□ **20 mL Scintillation Vial Rack** 24 Position, 3 x 8 array. Compatible with all AutoChem workstations for both liquid handling and pick and place applications. Works with standard 20 mL scintillation vials.		
13530911	□ **40 mL Scintillation Vial Rack** 24 Position, 3 x 8 array. Compatible with all AutoChem workstations for both liquid handling and pick and place applications. Works with standard 40 mL scintillation vials.		
13530012	□ **4-Position 125 mL Stock Vial Rack (Space Saver) ***RECOMMENDED*** 1x4 array. Specially designed to locate in front of the MiniMapper wash station Works with all deck configurations.		
13530905	□ **13x100mm Test Tube Rack** 48 Position, 4 x 12 array. Compatible with all AutoChem workstations for both liquid handling and pick and place applications. Works with standard 13x100mm Test Tubes.		
13530907	□ **16x100mm Test Tube Rack** 48 Position, 4 x 12 array. Compatible with all AutoChem workstations for both liquid handling and pick and place applications. Works with standard 16x100mm Test Tubes.		
13530906	□ **1-Dram Vial Rack** 48 Position, 4 x 12 array. Compatible with all AutoChem workstations for both liquid handling and pick and place applications. Works with standard 15x45mm 1-Dram Vials.		
13530908	□ **2-Dram Vial Rack** 48 Position, 4 x 12 array. Compatible with all AutoChem workstations for both liquid handling and pick and place applications. Works with standard 17x61mm 2-Dram Vials.		
13530909	□ **4-Dram Vial Rack** 48 Position, 4 x 12 array. Compatible with all AutoChem workstations for both liquid handling and pick and place applications. Works with standard 21x70mm 4-Dram Vials.		
16005116	□ **2-Position Microtiter Plate Locater Rack and Spacer Assembly** Holds 2 standard microtiter footprint racks. Works with all racks established for the MiniBlock product line. Compatible with Allexis workstation. For use with MiniMapper V1.5 Software or later revisions		

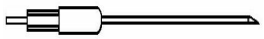
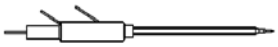
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MiniMapper™ Rack Locators

PART NO.	RACKS AND LOCATORS		
13742189	□ 2-Position MiniBlock Locator Rack (1-Red, 1-Blue) and all XT		
13742191	□ 2-Position MiniBlock Locator Rack (2-Red) and all XT		
13742190	□ 2-Position MiniBlock Locator Rack (2-Blue) and all XT		
13742192	□ 4-Position MiniBlock Locator Rack (2-Red, 2-Blue) and all XT		
13742193	□ 4-Position MiniBlock Locator Rack (4-Red) and all XT		
13742194	□ 4-Position MiniBlock Locator Rack (4-Blue) and all XT		

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MiniMapper™ Individual Items

PART NO.	INDIVIDUAL ITEMS		
	Syringe Options:		
15803089	☐ **1.0 mL Replacement Syringe**		
15803090	☐ **2.5 mL Replacement Syringe**		
13505033	☐ **5.0 mL Replacement Syringe**		
15803068	☐ **10.0 mL Replacement Syringe**		
	Replacement Cannulas		
13559293	☐ **2-Channel Septum Piercing Grooved Cannula** Solvent channel and groove acting as a passive vent		
13200246	☐ **3-Channel Hastelloy Septum Piercing Cannula** Vent Channel, Inert Gas Channel, and Solvent Channel		
13520029	☐ **40 mL Scintillation Vial (72/pack)** High quality scintillation vial with durable cap and septum. Ideal for reactants and diversity elements. Works with MT part number 13530911.		
13520027	☐ **125 mL Stock Vial (24/pack)** High quality stock reagent vial with durable cap and septum. Ideal for reagents and stock solutions. Works with MT part number 13530005 and 13530012.		

Accessories

PART NO.	ACCESSORIES		US LIST
13997039	☐ **Workstation Enclosure For Safety** Workstation Enclosures come complete with low profile folding doors and safety interlocks. ☐		
13997098	☐ **Workstation Enclosure for Safety and Ventilation** Workstation Enclosures come complete with low profile folding doors, safety interlocks and top with adapter for ventilation. Designed for operator safety and ventilation.		
13602089	☐ **MiniMapper Additional User Manual** Hardcopy Version		
13000105	☐ **MiniMapper Additional User Manual** CD Version		
16005418	☐ **MiniMapper Application Software, seat license for additional stand-alone PC** The stand-alone software package can be installed on a separate PC so that processes can be written off-line at any time, regardless of whether the MiniMapper is currently in use. The Processes are then transferred by disk or network to the MiniMapper and available for immediate use.		

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MiniMapper™

PROCUREMENT

Service and Warranties

Service Organization to include locally

Ordering Information:

Mail Orders:
Mettler-Toledo AutoChem, Inc.
7075 Samuel Morse Drive
Columbia, MD 21046

Fax Orders:
(410) 910-8600

Phone Orders:
(866) 333-MTAC
E-Mail Orders:
autochemcustomercare@mt.com

When placing an order, specify your purchase order number, price list reference number, product model or part number/description, quantity, shipping and invoicing address, contact name and telephone number

Terms:

All prices are ExWorks, Newark, DE. Prices and specifications are subject to change without notice.
Prices do not include shipping, handling, taxes and duties. Payment terms are 100% upon delivery
METTLER TOLEDO AutoChem's Standard Terms, Conditions, Warranty and Maintenance Agreement Options are available upon request and cover all sales.
Options are available upon request and cover all sales.

Delivery:

Please allow 8-10 weeks from Mettler-Toledo AutoChem's receipt of Purchase Order.

Facility Requirements:

MiniMapper dimensions: width x depth x height: 750 x 570 x 900 mm
Electrical: 100-240 VAC nominal, 50-60 hz at 5.0 amps
Vacuum: 381 torr 15" Hg

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We buy equipment

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