

Cellomics ArrayScan II HCS

Integrated High Content Screening System



In Stock

Used and in Excellent Condition

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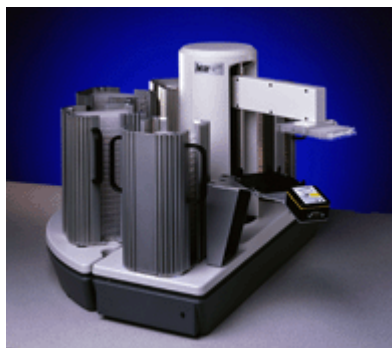
Twister™ Universal Microplate Handler

Twister Microplate Handler is a low cost, bench-top plate handler designed to easily manipulate common microplates and serve as an autoloader to a wide variety of scientific instruments such as microplate readers, washers and liquid dispensers from all major manufacturers. Twister individually moves up to 20 microplates from an input rack to the plate locator on the instrument. An optional loader accommodates up to **60 additional plates.**

Twister software initiates the scientific instrument's method. After completion, *Twister* retrieves the plate from the instrument and places it into an output rack. This process is repeated, resulting in an unattended run which provides the scientist with valuable walk away time. Twister's software is capable of cycling plates in predetermined intervals to accommodate kinetic applications.

It features lid storage capability to minimize contamination. There is also both barcode reading and cycling software available as options. Twister interfaces are available for instruments from the following companies: Bio-Tek Instruments, BMG Lab Technologies, Dynex Technologies Inc., Labsystems, Molecular Devices Corporation, Packard Instruments, Perkin Elmer, PerSeptive Biosystems, Skatron, Tecan, Tropix and EG&G Wallac. Interfaces also available for Zymark's Presto™ **Microplate Sealer and Labeler** workstations.

To view a video clip of the Twister in motion Click here for **MPG (2.5megs)**. *You will need an MPEG viewer to see this clip.*



[Accessories](#) | [Interfacing Equipment](#) | [Specifications](#) | [Video Clip](#) | [Case Histories and Reprints](#) | [Drug Discovery Products](#)

Specifications [\(back to top\)](#)

Mechanical & Physical

Power Consumption:	Approx. 45 Volt Amps
Line Voltage:	90-250 VAC, Auto Ranging
Line Frequency:	50 / 60 hz
Dimensions of Base Unit:	9.1" (w) x 27" (l) x 19" (h) 23 cm (w) x 69 cm (l) x 48 cm (h)
Dimension of Added Capacity Wing:	20" (w) / 50 cm (w)

Robotic Arm Reach

Rotary Travel:	330°
Horizontal Overall Reach	10" (25 cm)
Horizontal Beyond Boundary of Base:	5.5" (14 cm)
Vertical Height from Table:	14.4" (37 cm)
Vertical Minimum Height:	4" (10 cm)
Vertical Travel Distance:	10.4" (27 cm)
	32 lbs (14.5 kg)

Weight of Base Unit

Portrait or Landscape

Handling Format

20 Microplates Per Stack without Lids

Plate Capacity

15 Microplates Per Stack with Lids
Up to 4 Input Stacks

Environmental

Operating Temperature:	15° to 40° C
Operating Humidity:	0 to 85, Non-condensing
Storage Temperature:	-20° to 65° C

Compatible Zymark Workstations

Presto Sealer Workstation
Presto Labeler Workstation
RapidPlate Pipetting Workstation

System Requirements

IBM Compatible Computer with
Pentium Processor
Windows 95 or NT Operating System
16 MB RAM
10 MB Free hard Disk Drive
1.44 MB High Density Floppy
Disk Drive
SVGA Display (1024 x 768 Using Hi-
Color 64K Recommended)
Two Buffered (16550 AF) Serial
Ports
Additional Third Serial Port Required
for Barcode Accessory

Twister Includes

Twister Unit

Twister Software
Two Removable 20-Capacity Stacks
Twister Locating Plate
Lid Storage Wing

PC Interface Cable

Power Cord

Calibration Tools

Bus Mouse / Inport Mouse /PS

User's Manual
One Year Warranty

Twister Includes

Interfacing Software
Instrument Docking Hardware
Installation Instructions
One Year Warranty

Available as a standalone workstation or on integrated Systems.

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For more information on drug discovery products email us at drug.discovery@zymark.com
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