

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

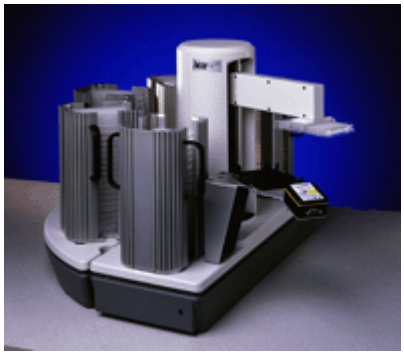
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Twister™ Universal Microplate Handler



Accessories | Interfacing Equipment | Specifications | Video Clip | Case Histories and Reprints | Drug Discovery Products

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.*

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

Protrait 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 Reccomended)
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.

©2000 Zymark Corporation. Last updated: 02/24/00.
For more information on drug discovery products email us at drug.discovery@zymark.com
Back to top | Back to Zymark home page | Email Zymark at solutions@zymark.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP