



Twister II | Microplate Handler

Plug-and-Play Desktop Automation

Caliper Life Sciences Twister II is more than a super-fast, high capacity plate stacker. It's real plug-and-play desktop automation.

The Twister II Advanced Capability Microplate Handler was designed to address the need for a microplate handler with multiple instrument capability, increased speed and capacity, and amazingly simple software. Add a liquid handler and a washer or reader, and you've got a system that can handle almost any manual assay step.

Twister II can serve as the hub for a new breed of 'Mini-Systems.' This low-cost microplate handler provides a time saving alternative to stackers and a money saving alternative to larger, more complex integrated systems.

Once you've seen Twister II in action, nothing else will quite stack up

Twister II's telescoping arm and rotating wrist joint make it possible to access the x-y index positions of almost any liquid handling deck. This means that Twister II is the only microplate handler that is compatible with virtually all microplate instruments.

The flexibility allowed by the system's compact footprint and removable stacks enable capacity to be effortlessly expanded or reduced, so the system never takes up more valuable laboratory space than is absolutely necessary.

Benefits

- Increased capacity expands to up to 400 plates, allowing plenty of walk-away time.
- Arm extension of 8.5" and wrist rotation of 270° enhance integration capabilities and simplify set-up.
- iLink software provides "Point and Shoot" operation with up to three separate devices.
- CLARA compatibility ensures scalability to expand to larger systems.
- Transport that is four times faster than original Twister permits higher laboratory throughput.
- 5 axes of motion - make Twister II compatible with virtually any instrument adapter.
- Compact size and removable stacks ensure the flexibility to fit in limited space.

Specifications

Minimum Reach	12.0"
Arm Travel	8.5" Horizontal, 22.0" Vertical
Wrist Rotation	±135° (270° total)
Protrusion Beyond Rotation Point	1.5" (flush with plate edge)
Turret Rotation	340° with 20° Hard Stop
Turret Diameter	7.0"
Turret Height	38.0"
Base Dimensions	10.0" Diameter
Min. Reach Height	6.5"
Max. Reach Height	28.0"



Twister II uses Caliper iLink control software. iLink enables your laboratory to employ Twister II as the heart of a completely automated yet cost-efficient bench-top system. iLink easily connects multiple instruments in a simple and concise sequence of steps, so it only takes a moment to set up an entirely unattended run.