

PreciseFlex 400 Sample Handler

The Industry Standard for Lab Automation

1. Highest Instrument Density

Reach into instruments, hotels, and nests with tall Z-axis and slim arm design

2. Fully-Integrated Servo Gripper

For handling SBS Plates, Tubes, and Vials

3. Range of Motion

(Standard Horiz Reach, with included Servo Gripper) 579 mm
(Extended Horiz Reach, with included Servo Gripper) 734 mm

4. Highest Throughput

Low collision forces enable without sacrificing safety

5.

Whether in Drug Discovery, Genomics, Agriculture, Veterinary, or Bio Banking, Brooks has automation products to meet the application. PreciseFlex cobots are the robot of choice for sample handling.

The PreciseFlex 400 sample handler was developed specifically for bench-top applications where throughput, work volume, ease of use, and safety are critical. It has been adopted by nearly every major life science/laboratory automation company and is designed into a wide range of OEM systems.

Handles a Wide Range of Samples

The PreciseFlex 400 sample handler is designed to handle SBS plates, tubes, vials. SBS plates can be picked in landscape and portrait orientation.

Easy Control of the LIMS

An extensive library of functions is available to direct the robot via our standard TCP Command Server (TCS).

Lowest Power Consumption

Reduced energy usage and extended runtime in mobile applications.

Highest Workspace Density

The PreciseFlex 400 sample handler has a unique configuration with horizontal articulation for the major axes, and a tall Z-axis (up to 1,160 mm). The Vertical Column work envelope enables the sample handler to reach into racks, hotels, and stacked instruments.

With the vertical column work envelope and embedded controls, PreciseFlex sample handlers offer the highest workspace density, saving valuable floorspace.

