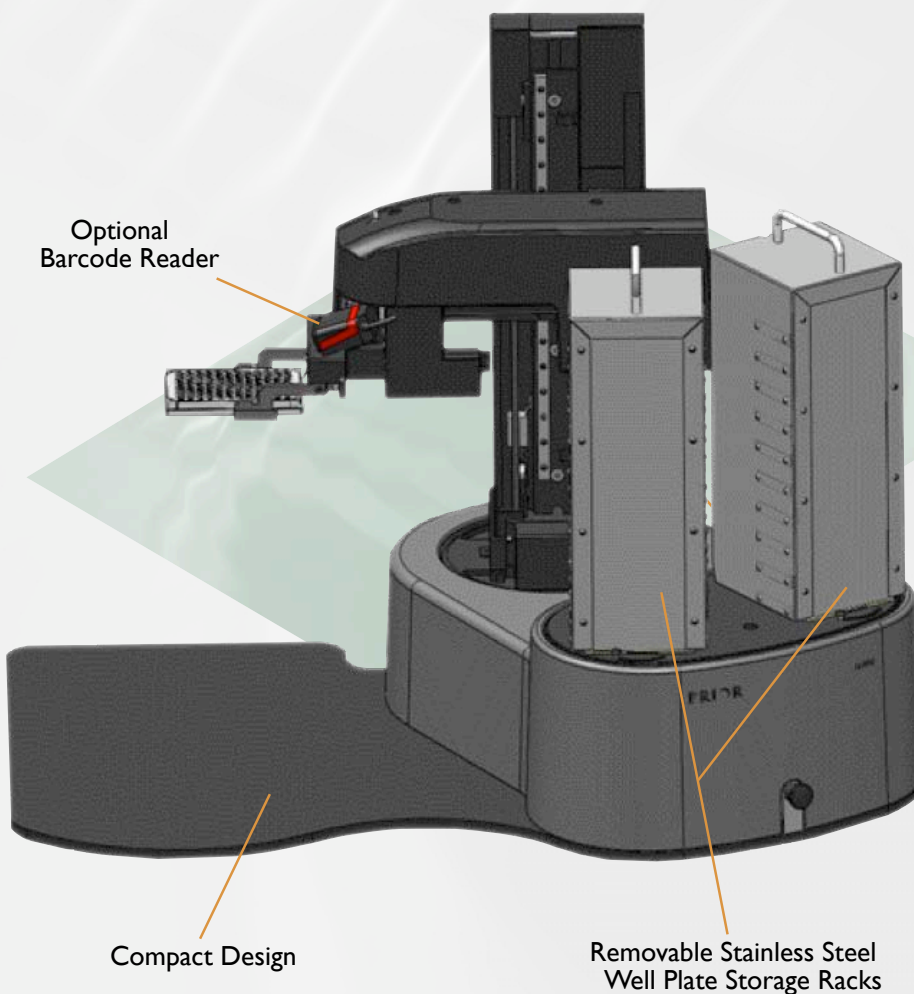


HLW20 Well Plate Loader System

High Speed Well Plate Slide Loader System

Features



PRIOR
Scientific

Prior Scientific is pleased to introduce the latest in Prior's Robotic Sample Loading Systems - the HLW20 Well Plate Loader for inverted microscopes. Compatible with the Prior ProScan™ series controller, the HLW20 features:

- 20 well plate capacity (2 racks with 10 well plates each.)
- Compatible with covered and uncovered well plates
- Compact design utilizing less than 0.47m² of bench space
- Fits all standard microtiter plates up to 19mm thick
- Quiet operation for laboratory environment
- Optional barcode reader
- Multiple sensors ensure safe and accurate transfer between racks and microscope stage
- Stainless steel racks for easy cleaning
- Compatibility with most modern inverted microscopes.
- Supplied with a comprehensive Software Development Kit, the loader allows the user full control of the loading and unloading processes.

Prior products have a well-deserved reputation for quality and repeatability and are manufactured using the highest quality components. Prior provides full support and service both direct and indirect – through a professional, knowledgeable and extensive dealer network.



Well Plate Loader System

Performance Specifications

Capacity	20 well plates - in 2 racks of 10 plates each
Rack Sensor	Racks can be swapped while unit is running
Well Plate Detection	Racks are scanned for plates present. Plates are barcode read prior to loading for random access
Mishandling Detection	Mishandling detection is built into both the gripper arm and stage insert
Barcode Readers	Optional 2D reader available
Vibration	Loader is stationary between operations, eliminating vibration during imaging operations
Communications	USB
Scanning Stage Compatibility	Compatible with ProScan™ H117 inverted stages (please call)
Footprint	Compact unit occupies only 0.47m ² of bench space
Dimensions	84cm (W) x 55cm (D) x 66cm (H)
Input Voltage	100 - 240V AC
Regulatory Compliance	Fully CE Compliant

Branded, Special & OEM Systems

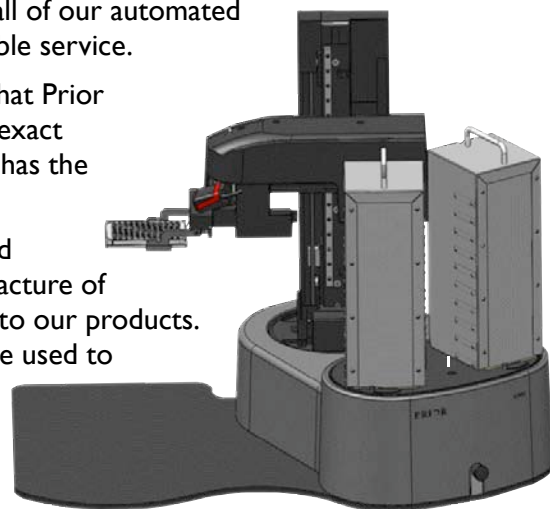
Made to Measure from Prototype to Manufacture

At Prior Scientific we control the design and manufacturing process for all of our automated microscope products. This way, we can be sure of offering the most flexible service.

This approach along with our commitment to customer service means that Prior Scientific is uniquely placed to provide complete systems to match your exact specifications. From branded products to entirely unique solutions Prior has the tools to provide for your needs.

Our design engineering department employs the latest in computer aided 3D modelling along with many years experience in the design and manufacture of scientific instruments. It is here that quality and reliability are designed into our products. Advanced CNC machines and computer aided manufacturing systems are used to produce high quality components. In assembly, experienced instrument makers build complete stage and controller assemblies with care and attention to detail.

It is this blend of skills, experience and flexibility that have established Prior as one of the world's leading manufacturers of automated microscopy products and OEM systems.



PRIOR SCIENTIFIC, INC.
80 RESERVOIR PARK DRIVE
ROCKLAND, MA 02370-1062
T: 781-878-8442
E: INFO@PRIOR.COM

PRIOR SCIENTIFIC, LTD.
CAMBRIDGE, UNITED KINGDOM
T: +44 (0) 01223 881711
E: UKSALES@PRIOR.COM

PRIOR
scientific

PRIOR SCIENTIFIC GMBH
JENA, GERMANY
T: +49 (0)3641675650
E: VETRIEB@PRIOR.COM

PRIOR SCIENTIFIC KK
TOKYO, JAPAN
T: +81 (0)3 5847 8213
E: INFO-JAPAN@PRIOR.COM

VISIT PRIOR ON THE WEB AT www.prior.com