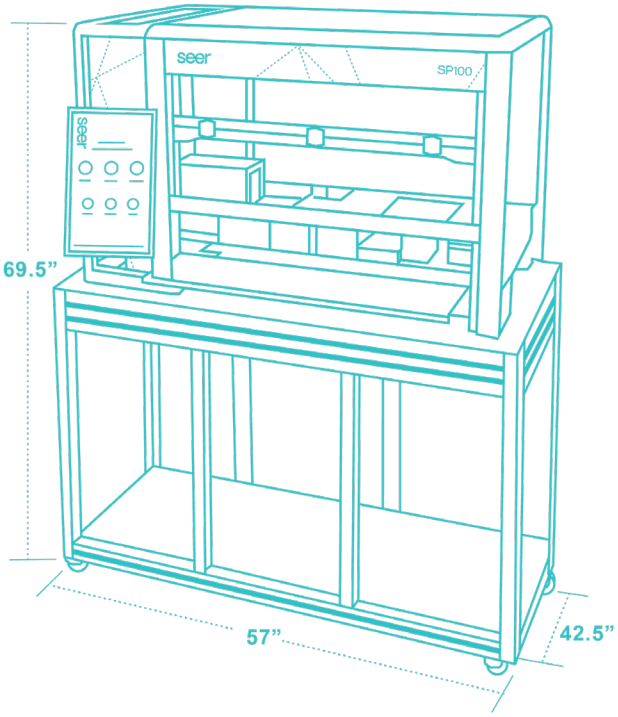
Proteomics with Seer's SP100 Automation Instrument

The Proteograph™ Product Suite provides an end-to-end workflow that transforms the efficiency and discovery of proteomic studies with the included Proteograph XT Assay Kit and SP100 Automation Instrument.

Bring the SP100 in-house when you need:

- High throughput without sacrificing depth of coverage
- Precision and reproducibility at scale with minimal hands-on time
- Streamlined pipeline from sample processing to MS ready peptides



What you'll need to bring the SP100 to your proteomics lab:

Placement Requirements

- The SP100 is designed to fit in most labs. The total space needed is 57 inches (145 cm) in length, 42.5 inches (108 cm) in width, and 69.5 inches (176.5 cm) in height, weighing 331 lb. (150 kg).
- Place the SP100 opposite or adjacent to an empty bench of equal width to allow easy access for maintenance.
- Avoid intense light and keep vents clear.

Peripheral Equipment


Refrigerated centrifuge


Fluorometer


Vacuum concentrator

Contact Seer for detailed requirements and recommendations on peripheral equipment.

What you'll get with the SP100 and the Proteograph XT Assay Kit:

Proteograph XT Assay Kit

- Reagents and labware for up to 40 samples on a single plate
- Seer's proprietary engineered nanoparticle panel
- Custom controls

Proteograph XT Demonstrated Applications


Blood (serum, plasma)


Host Cell Proteins in biologics


Cerebrospinal Fluid


Secretome

- Optimized for 240 uL of plasma or serum
- Low volume protocols with extensive coverage down to 10 uL
- Workflow enablement across diverse applications and sample types

Total Hands-on Time

~30–45
minutes

Total Assay Time

<7
hours

Exact time may vary depending on operator experience.

Learn more about the SP100

Comprehensive Support

Seer's dedicated customer support team will help make your transition to in-house protemic research a success. Contact us for seamless installation, comprehensive training, and ongoing support.

For more information on how the SP100 can revolutionize your proteomics research, visit www.seer.bio or contact our customer support at support@seer.bio.

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