

NIB0055 NanoAssembler Blaze™ Instrument

Select a Nanomedicine Candidate
With Blaze, preclinical studies can be conducted efficiently with a process that mirrors a clinical scale implementation.

Identify a Scalable Manufacturing Process
By using Blaze, process development can be conducted on both the upstream and downstream steps in the drug development.









| | Blaze | Blaze+ |
|--|--|---|
| Electrical power supply | 100–240 VAC, 50–60 Hz, 1.2 A | |
| Electrical input to instrument | 24 VDC, 3.75 A | |
| Environmental Conditions | Temperature: 15–35 °C Humidity: 30–65% (non-condensing) Pressure: 70–106 kPa Ingress Protection: IP20 | |
| Dimensions (WxDxH) | With lid closed: 89.3 x 46.6 x 65.0 cm With lid open: 89.3 x 51.1 x 122.1 cm Weight: 127 kg Important: The minimum weight of the lab bench must support 200 kg. | Instrument dimensions unchanged. The Blaze+ must have sufficient space around the instrument to allow for placement of external bags and fluid management equipment. |
| Volume | 10–1000 mL | 10 mL–10 L† |
| Reagent ratio | 1:1–5:1‡ | |
| Total flow rate | 4–115 mL/min* | |
| Flow rate range for Center and Right Channels | 2–86.5 mL/min | |
| Flow rate for dilution channel | 4–230 mL/min | |
| Dilution ratio | 1:1 up to 4:1* | |
| Start, End Waste | 0 mL up to total volume | |

*Some parameters are dependent on the cartridge type

†Blaze+ requires a NxGen Cartridge

‡Dependent on total flow rate

Ordering Information

| INSTRUMENT | | PRODUCT CODE | INCLUDES |
|---|---------------------------------------|--------------|---|
|  | NanoAssemblr Blaze™ | NIB0055 | 1 Instrument Control laptop and USB cable Power supply and power cable Input and output vessel holders Spare sippers NanoAssemblr Blaze cleaning cartridge Various reagent and sample bottles One year warranty not including a preventative maintenance service |
| CARTRIDGES | | | |
|  | NxGen Cartridges | | |
| | NxGen 400 | 1000458 | 1 NxGen 400™ Blaze Cartridge without dilution |
| | NxGen 500 | 1000460 | 1 NxGen 500™ Blaze Cartridge without dilution |
|  | NxGen Cartridges with Dilution | | |
| | NxGen 400D | 1000459 | 1 NxGen 400D™ Blaze Cartridge with dilution |
| | NxGen 500D | 1000461 | 1 NxGen 500D™ Blaze Cartridge with dilution |
|  | Classic Blaze Cartridges | | |
| | Classic | NIB0002 | 1 NanoAssemblr Classic Blaze Cartridge without dilution |
| | Classic with Dilution | NIB0003 | 1 NanoAssemblr Classic Blaze Cartridge with dilution |
| NEW BLAZE+, VOLUMES UP TO 10 L | | | |
|  | NanoAssemblr Blaze+ | NIB0061 | 4 Tube clips 2 Safety funnels 1 Funnel adapter 1 Open system funnel |
|  | NanoAssemblr Blaze+ Tubing Kit | 1000535 | Open System Output Tubing Closed System Output Tubing 3x Input Vessel Tubing |
| SERVICE | | PRODUCT CODE | INCLUDES |
| NanoAssemblr Blaze Total Service Plan | | NOB0004 | Prepaid yearly service product including prioritized technical assistance, defect repairs (including spare parts), and one preventative maintenance per year. Shipping and loaner instrument (if needed) included. |
| NanoAssemblr Blaze+ Service Package | | NOB0004 | Prepaid yearly service product including one onsite service and two preventative maintenance services per year. |

To learn more about the NanoAssemblr Blaze, visit precisionnanosystems.com/our-technology/blaze

About Precision NanoSystems

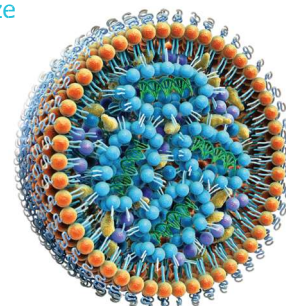
PNI is a global leader in ushering in the next wave of genetic medicines in infectious diseases, cancer and rare diseases. We work with the world's leading drug researchers to understand disease and create the therapeutics and vaccines that will define the future of medicine. PNI offers proprietary technology platforms and comprehensive expertise to enable researchers to translate disease biology insights into non-viral genetic medicines.

For further information, please visit www.precisionnanosystems.com

Contact
 info@precision-nano.com
 1-888-618-0031

Headquarters:
 50 - 655 West Kent Ave. N.,
 Vancouver, BC, V6P 6T7
 Canada

Global Sales:
 145-395 Oyster Point Boulevard
 South San Francisco, CA 94080
 USA



Document Number: 1000552
 Document ID: blaze-DS-0923

For Research Use or Further Manufacturing. Not for direct administration into humans. Copyright © Precision NanoSystems Inc. 2020 All rights reserved. Create Transformative Medicines™ and NanoAssemblr® are trademarks of Precision NanoSystems Inc.