

Procleix Xpress System

(with Software v3.0)

Comprehensive solution for pooling and archiving



The Procleix Xpress system (Xpress) is a pooling and archiving instrument and software specifically engineered to complement the Procleix NAT solutions product portfolio. This system transfers plasma or serum from individual samples to pool tubes for further testing on Procleix systems or for archiving using deep-well archive plates.

Simplified workflow

- Quick start-up (<15 minutes)
- Minimal maintenance
- Priming run not required
- No liquid waste disposal
- Tips compatible with Procleix Panther system (Panther) and Procleix Panther ART

Precision pipetting

- Pool up to 256 samples in 28 minutes with pools of 16
- Pool up to 384 samples in 45 minutes with pools of 4 or 8
- Archive any volume between 500 μ L and 1.6 mL in 100 μ L increments into deep-well archive plates
- Archive at the time of pooling or in a separate archive-only run

Large pool pipetting

The system uses a pool of pools concept where plasma or serum is transferred from individual Master Pool Tube samples into a single Large Pool Tube (LPT). This process allows for a large number of samples to be pooled during a single run.

- Pools of 48
- Pools of 96
- Pools of 256

Intuitive interface

- Easy-to-use touchscreen
- Visual and audible status alerts
- Flexible archiving and pooling configurations
- Intuitive software

Additional Procleix Panther system user benefits

Users can place Panther racks directly into the Xpress using a Panther rack adapter. Once pooling is complete, users can detach the Panther racks from the adapter and load directly into the Panther for assay processing.

- Obtain first sample results faster on Panther
- Reduce hands-on time by eliminating manual transfer of tubes
- Greater confidence in sample integrity due to less handling

SCREENING

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Technical specifications



POOLING AND ARCHIVING CAPACITY

Liquid handling arm	Air-driven 8 channel pipetting arm: • Pressure monitored pipetting (PMP) • Liquid Level Detection (LLD)
Maximum sample capacity on deck¹	Up to 384 ²
Archiving options	500 µL–1.6 mL, in 100 µL increments

THROUGHPUT³

Pools of 4	60 minutes or less
Pools of 8	50 minutes or less
Pools of 16	28 minutes or less
Pools of 48	45 minutes or less
Pools of 96	45 minutes or less
Pools of 256	28 minutes or less

FOOTPRINT

Dimensions (WxDxH)	571 x 30.7 x 42.1 in (145 x 78 x 107 cm)
Weight	341 lbs (155 kg)
Clearance requirements	Sides = 8.9 in (22.5 cm) Front = 17.3 in (44 cm)

ENVIRONMENTAL REQUIREMENTS

Operational temperature	15–30°C (59–86°F)
Operational humidity	20–85% relative (non-condensing) at 30°C/86°F or below
Altitude	Maximum 2000 m above sea level
Noise output	<85 dBA (61.3 dBA [sound pressure], measured at a distance of 1 m from the instrument)

Product registration and availability vary by country.
For more information, ask your local Grifols representative.

ELECTRICAL REQUIREMENTS

Line voltage	100–120, 220–240 V AC (-15%/+10%)
Frequency	50/60 Hz
Power	1200 VA

TUBE REQUIREMENTS

Sample tube barcode symbologies	Code 128, ISBT 128, Codabar, Code 39, Interleaved 2 of 5; All symbologies can be used within the same run
Sample tube size	12 x 75 mm, 13 x 100 mm, 16 x 100 mm
Pool tube size	13 x 100 mm, 16 x 100 mm

CYBER SECURITY

CISCO firewall	Protects the instrument PC from cyber security threats
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OPERATING SYSTEM

Windows 7 Ultimate, SP1

FOR PROCLEIX PANTHER SYSTEM USERS

Simplified workflow	Xpress can accommodate Procleix Panther system racks, eliminating the need to manually transfer tubes, and reducing the time to result
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References

¹ The values given here for the maximum number of samples and pool tubes assume that the archive plate option is not enabled.

² Maximum sample capacity on deck is 384 (pools of 4); 384 (pools of 8); 256 (pools of 16).

³ Throughput time is based on a full deck.

Learn more about Procleix solutions at:
www.procleix.com