

Procleix Xpress System (with Software v4.0)

Improve operational efficiency with a single software that combines lysing, pooling, and archiving of blood and plasma samples



Challenge:

Clinicians and patients expect safe blood despite increasing challenges in the lab.

Staffing and lab space constraints create a challenging work environment with a need for more efficiency.

Solution:

Let Grifols Diagnostic help you keep up with the demand for safe blood. The Procleix Xpress System with the latest Software v4.0 combines all Xpress pipettor functions, allowing lysate, pool, large pool, and archive workflows.

Our scalable solutions maximize your operational efficiency by optimizing throughput on the most compact automated system for donor screening.

SCREENING

Procleix Xpress System

(with Software v4.0)

Technical specifications



POOLING, LYSING, 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

Pre-fill buffer	40 minutes	Pools of 4	60 minutes
Lysis only	100 minutes	Pools of 8	50 minutes
Lysis and pools of 8	80 minutes	Pools of 16	28 minutes
Lysis and pools of 16	140 minutes	Pools of 48	45 minutes
		Pools of 96	45 minutes
		Pools of 256	24 minutes

FOOTPRINT

Dimensions (WxDxH)	57.1 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)

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.

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
Lysate 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 10

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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CONNECTIVITY

Secure Remote Connectivity	With SRC, the technical support team remotely accesses the instrument to optimize system uptime. Bidirectional communication with the middleware helps avoid human mistakes.
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Product registration and availability vary by country. For more information, ask your local Grifols representative. Learn more about Procleix solutions at: www.diagnostic.grifols.com/en/blood-screening



GRIFOLS

Grifols (HK) Limited
Units 1505-07 Berkshire House
25 Westlands Road, Quarry Bay
Hong Kong
Tel: +852 2161 3100

Grifols Diagnostic Solutions Inc.
4560 Horton Street
Emeryville, CA 94608 USA
Tel: +1 888 244 7667
www.diagnostic.grifols.com