



A centrifugal blood pump with flexible mounting options and an efficient pumphead design.

SPECIFICATIONS

Disposable centrifugal pump	3/8" (9.5 mm) connectors 48 mL priming volume
Drive motor	Length: 3.5" (8.9 cm) Diameter: 3.7" (9.4 cm) Weight: 3 lb (1.4 kg)
Flow sensor	Reusable, non-invasive ultrasonic flow sensor for use with 3/8" ID x 3/32" wall tubing

Battery 100/115V (50/60 Hz) and Battery 220/240V (50/60 Hz) (Connecting cable included)

Height	8.0" (20.3 cm)
Width	12.0" (30.5 cm)
Depth	11.0" (27.9 cm)
Battery weight	18.0 lb (8.2 kg)
Battery backup	1 hour 45 minutes at 400 mmHg, 5 L/min flow, 2500 RPM
Recharge time	24 hours from full depletion

Control Module 100/115V 1.5A and Control Module 220/240V 0.8A

Height	10.2" (25.9 cm)
Width	9.0" (22.9 cm)
Depth	19.9" (50.5 cm)
Weight	20.0 lb (9.1 kg)
Leakage current	100 microamperes max
Ground resistance	0.1 Ohm max
Motor speed range	0 – 3600 RPM
Outflow pressure	0 – 700 mmHg
Flow display range	0.0 – 9.9 L/min positive and negative
Flow sensing accuracy	0.3 – 1.0 L/min ± 0.1 L/min 1.0 – 7.0 L/min $\pm 10\%$

Continuous flow or asynchronous, pulsatile flow (at 60 cycles/min) standard on control modules 6379 and 6380; optional on control module 6381



Sarns™ Centrifugal System

FEATURES

Non-invasive, ultrasonic flow sensor

Low prime volume (48 cc)

Exclusive backflow warning system

Continuous or pulsatile flow

Flexible hardware mounting options

Battery backup power for 1 hour, 45 minutes



Ultrasonic flow sensor

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SPECIFICATIONS, CONTINUED

Control Module for the Sarns™ Perfusion System 9000

Integrated, receives power and communications from the Sarns™ System 9000

Motor speed range	0 – 3600 RPM
Outflow pressure	0 – 700 mmHg
Flow display range	0.0 – 9.9 L/min positive and negative
Flow sensing accuracy	0.3 – 1.0 L/min ±0.1 L/min 1.0 – 7.0 L/min ±10%

Continuous flow or asynchronous, pulsatile flow (at 60 cycles/min) standard on control modules 6379 and 6380; optional on control module 6381

ORDERING INFORMATION

Sarns™ Centrifugal System

DESCRIPTION	CATALOG NO.	UNITS/CASE
For a typical system add control module, flow sensor, drive motor, motor bracket and manual drive.		
Disposable centrifugal pump	164275	8
Disposable centrifugal pump treated with Duraflo®	*	
Control module, 100/115V	6379‡	1
Control module, 220/240V	6380	1
Control module for Sarns™ Perfusion System 9000	6381	1
Drive motor	164267	1
Manual drive unit	164268	1
Flow sensor, 3/8" ID x 3/32" wall, reusable, non-invasive	6382	1
Flow sensor gel (6 oz tube)	164278	1
100/115V battery (includes charger and connecting cable)	9490‡	1
220/240V battery (includes charger and connecting cable)	9491	1
Centrifugal control module holder	7087	1
Centrifugal motor holder	7088	1
Wedge to mount control module on modular perfusion system base (not necessary if using battery 9490 or 9491)	165700	1

* This pump is only available in custom tubing packs.

Duraflo is a registered trademark of Edwards Lifesciences Corporation.

‡ not available for sale in the European Economic Area (EEA)

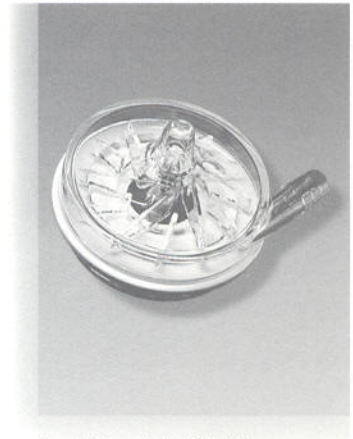
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Sarns™ Disposable Centrifugal Pump

Single-use pumphead for use with the Sarns™ Centrifugal System.

SPECIFICATIONS

Pump prime volume	48 mL
Pump rotation range	0 – 3,600 RPM
Outflow capacity	0 – 9.9 L/min
Outflow pressure	0 – 700 mmHg
Connects to 3/8" ID tubing	
Blood contact materials:	Polycarbonate Acrylic Silicone rubber Silicone lubricant Nylon Aluminum oxide



Sarns™ Disposable Centrifugal Pump

FEATURES

- Efficient impeller design
- Durable polycarbonate housing
- 48 mL prime volume

ORDERING INFORMATION

Sarns™ Disposable Centrifugal Pump

DESCRIPTION	CATALOG NO.	UNITS/CASE
Disposable centrifugal pump	164275	8
Disposable centrifugal pump treated with Duraflo®	*	

* This pump is only available in custom tubing packs.

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For more information, contact:

TERUMO CARDIOVASCULAR SYSTEMS
6200 Jackson Road
Ann Arbor, MI 48103-9300
USA
734 663 4145 phone
734 663 7981 fax
800 521 2818 toll free

TERUMO CARDIOVASCULAR SYSTEMS
EUROPE, GmbH
Siemensstrasse 1
D-46325 Borken
Germany
49 2861 808 0 phone
49 2861 605010 fax

TERUMO EUROPE N.V.
Interleuvenlaan 40 B-3001
Leuven, Belgium
tel 32 16 38 12 11 phone
fax 32 16 40 02 49 fax

TERUMO CORPORATION
44-1, 2-chome, Hatagaya, Shibuya-ku
Tokyo 151-0072
Japan
81 3 3374 8111 phone
81 3 3374 8196 fax

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