



Positive Pressure Manifold

The Otto™ SPEcialist is designed to further improve method robustness and sample reproducibility for solid-phase extraction. It's easy-to-use interfaced tablet and software, Otto Software, simplifies method development and transfer, positive pressure optimization, and real-time manipulation of pressure profiles.



OPERATING SPECIFICATIONS

Pressure range	0.10–40 psi
----------------	-------------

SAMPLE CAPACITY

ACCESSORY STACK	COMPATIBLE SPE DEVICE	PART NUMBER
Otto Elution Plate Startup Kit	(1) μ Elution™ Plate (1) Macro Elution Plate	176004605
Otto 1 cc Cartridge for 13 mm Collection Tubes Startup Kit	(24) 1 cc Flanged/Flangeless Cartridges	176004606
Otto 1 cc Flangeless Cartridge for 96-Well Collection Plate	(96) 1 cc Flangeless Cartridges	176004607
Otto 3 cc Cartridge for 13 mm Collection Tubes Startup Kit	(24) 3 cc Flanged/Flangeless Cartridges	176004608
Otto 3 cc Cartridge for 16 mm Collection Tubes Startup Kit	(24) 3 cc Flanged/Flangeless Cartridges	176004609
Otto 6 cc Cartridge for 13 mm Collection Tubes Startup Kit	(18) 6 cc Flanged/Flangeless Cartridges	176004610
Otto 6 cc Cartridge for 16 mm Collection Tubes Startup Kit	(18) 6 cc Flanged/Flangeless Cartridges	176004611

INSTRUMENT CONTROL

Otto Software

EXTERNAL COMMUNICATION

Communications Interface RS232

COMPLIANCE

Title 21 CFR Part 11

North America Safety and EMC

EU Safety, Safety, and RoHS

Australia EMC

Worldwide Safety

REACH

China RoHS

ENVIRONMENTAL

Sound pressure level	≤64 dBa
Operating temp.	10–38 °C (50–100 °F)
Operating humidity	30–80%, non-condensing
Altitude	≤2000 m above sea level

POWER REQUIREMENTS

Fuse	250 V, 5 A
Voltage range	100–240 V
Frequency	50–60 Hz

PHYSICAL DIMENSIONS

Width	16" (406 mm)
Height	24" (609 mm)
Depth	18" (457 mm)
Max weight	65 lbs

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	KIT DESCRIPTION	KIT PART NUMBER
725000682	Otto Specialist Positive Pressure Manifold	-	-
186009712	μElution Spacer	Otto Elution Plate Startup Kit	176004605
186009713	μElution Platform		
186009714	Drainless Waste Reservoir		
186009716	1 cc Top Rack	Otto 1 cc Cartridge for 13 mm Collection Tubes Startup Kit	176004606
186009715	13 mm Tube Collection Rack		
186009708	13 mm Tube Spacer for 75 mm		
186009714	Drainless Waste Reservoir		
186009717	Flangeless 1 cc Top Rack	Otto 1 cc Flangeless Cartridge for 96-Well Collection Plate Startup Kit	176004607
186009713	μElution Platform		
186009718	2 mL Collection Plate Position		
186009714	Drainless Waste Reservoir		
186009719	3 cc Top Rack	Otto 3 cc Cartridge for 13 mm Collection Tubes Startup Kit	176004608
186009715	13 mm Tube Collection Rack		
186009708	13 mm Tube Spacer for 75 mm		
186009714	Drainless Waste Reservoir		
186009719	3 cc Top Rack	Otto 3 cc Cartridge for 16 mm Collection Tubes Startup Kit	176004609
186009720	16 mm Tube Collection Rack for 3 cc		
186009721	3 cc 16 mm Tube Spacer for 75 mm		
186009714	Drainless Waste Reservoir		
186009722	6 cc Top Rack	Otto 6 cc Cartridge for 13 mm Collection Tubes Startup Kit	176004610
186009723	13 mm Tube Collection Rack for 6 cc		
186009724	6 cc 13 mm Tube Spacer for 75 mm		
186009714	Drainless Waste Reservoir		
186009722	6 cc Top Rack	Otto 6 cc Cartridge for 16 mm Collection Tubes Startup Kit	176004611
186009725	16 mm Tube Collection Rack for 6 cc		
186009726	6 cc 16 mm Tube Spacer for 75 mm		
186009714	Drainless Waste Reservoir		
186009727	Waste Reservoir with Drain	-	-

Waters

THE SCIENCE OF WHAT'S POSSIBLE.™

Waters, The Science of What's Possible, Otto, and μElution are trademarks of Waters Corporation. All other trademarks are the property of their respective owners.

©2021 Waters Corporation. Produced in the U.S.A. February 2021 720006986EN KP-PDF

Waters Corporation
34 Maple Street
Milford, MA 01757 U.S.A.
T: 1 508 478 2000
F: 1 508 872 1990
www.waters.com