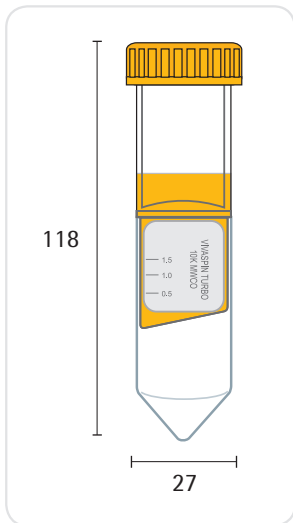


## ■ Vivaspin® Turbo 15



### 4 to 15 ml Samples

Vivaspin® Turbo 15 enables the fastest sample concentration with the highest recoveries. This device can handle a sample volume of up to 15 ml in swing-bucket rotors and of up to 11 ml in fixed-angle rotors that accept 50 ml centrifuge tubes.

The UV joining technology ensures smooth joint transition between the membrane and the plating housing – allowing removal of the entire sample concentrated in the unique, pipette-friendly dead-stop pocket.

The optimized design and sleek internal profile of the Vivaspin® Turbo 15 ensure maximum process speeds all the way down to the last few microliters, which results in more than 100-fold concentration.

### □ Specifications

#### Vivaspin® Turbo 15

Materials	Body	Styrene butadiene copolymer
	Filtrate vessel	Polypropylene
	Concentrator cap	Polypropylene
	Membrane	Polyethersulfone (PES)
Dimensions	Total length (concentrator insert)	77 mm
	Total length (in tube with cap)	118 mm
	Diameter (concentrator insert)	27 mm
	Active membrane area	7.2 cm <sup>2</sup>
	Hold-up volume of membrane	<10 µl
	Dead-stop volume for swing-bucket rotor	100 µl
	Dead-stop volume for fixed-angle rotor	60 µl
Concentrator capacity	Swing-bucket rotor	15 ml
	Fixed-angle rotor (25°)	11 ml
Maximum speed	4,000 × g	4,000 × g
Sterilization	ETO or 70% EtOH	
Removal of endotoxins [Depyrogenation]	Flushing with 1N NaOH	

### □ Ordering Information

Vivaspin® Turbo 15 Polyethersulfone	Qty./Pkg.	Prod. No.
3,000 MWCO	12	VS15T91
3,000 MWCO	48	VS15T92
5,000 MWCO	12	VS15T11
5,000 MWCO	48	VS15T12
10,000 MWCO	12	VS15T01
10,000 MWCO	48	VS15T02
30,000 MWCO	12	VS15T21
30,000 MWCO	48	VS15T22
50,000 MWCO	12	VS15T31
50,000 MWCO	48	VS15T32
100,000 MWCO	12	VS15T41
100,000 MWCO	48	VS15T42