



**SH-MT**

Aluminum Rotor  
 60 to 120-Place, 0.25 to  
 1.5 ml Microtubes  
 Max. Tube Length: 12.23 cm  
 Fixed-Angle: 90°  
 Maximum Speed: 20,000 rpm<sup>1</sup>  
 Rotor Mass: 3.0 kg

$$RCF = 11.17 \times \text{Radius (cm)} \times (\text{rpm}/1,000)^1$$

$$\text{Radius} = 5.575 \text{ cm} + \text{Tube Length (cm)}$$

SH-MT	Max Speed (rpm)	RC-28S	RC-26 Plus	RC-24 <sup>2</sup>	RC-5C Plus RC-5C <sup>2</sup>	RC-5B Plus RC-5B <sup>2</sup> RC-5 <sup>2</sup>	RC-2B <sup>2</sup> RC-2 <sup>2</sup>	SS-3 <sup>2</sup> SS-4 <sup>2</sup>	RC-3B <sup>2</sup> RC-3B Plus RC-3C <sup>2</sup> RC-3C Plus
		Max RCF (g)	(3)	(3)	(3)	(3)	(3)	(3)	n/a
		20,000	20,000	20,000	20,000	20,000	20,000	n/a	n/a
		(3)	(3)	(3)	(3)	(3)	(3)	n/a	n/a

**Catalog No. 11600**

Includes:  
 SH-MT Rotor  
 Rotor Extractor **01031**  
 Wrench **09054**  
 Instruction Manual **11610**

**Accessories**

Tube Holder Rack **11620**  
 Tube Holder 1.5, 1.8 **11619**  
 Tube Holder 0.5 **11618**  
 Tube Holder 0.25 **11617**  
 Software Update Kit for RC-5C<sup>4</sup> **12814**

**TUBES**

NOMINAL CAPACITY (ml)	DESCRIPTION	TUBE HOLDER		NOTES
		CAT. NO. (Qty/Pkg)	NO. OF PLACES	
1.5	Microtube	<b>11619</b> (2)	6	Opposing rotor compartments must contain Tube Holders with the same Order Number.
0.5	Microtube	<b>11618</b> (2)	8	Opposing rotor compartments must contain Tube Holders with the same Order Number.
0.25-0.4	Microtube	<b>11617</b> (2)	12	Opposing rotor compartments must contain Tube Holders with the same Order Number.

Typical Specifications for Fully Loaded Rotor with Standard Microtubes	Nominal Tube Capacity	Maximum Speed (rpm)	Maximum <sup>5</sup> RCF	Maximum Radius (cm)
	0.25 ml	10,950	11,197	8.36
	0.4 ml	8,250	7,610	10.01
	0.5 ml	13,950	18,172	8.36
	1.5 ml	13,730	19,147	9.09
	1.8 ml	11,900	14,426	9.12

<sup>(1)</sup>Depends on size and number of tubes used, and tube manufacturer's maximum RCF specifications, see examples.

<sup>(2)</sup>Instrument no longer available.

<sup>(3)</sup>Depends on dimensions of tubes used.

<sup>(4)</sup>Contact your SORVALL® representative to determine your need for a Software Update Kit.

<sup>(5)</sup>Prior to microtube use, a recommended maximum allowable speed for the microtube must be obtained from microtube manufacturer.