

MICROWAVE DIGESTION SYSTEM

Sr#	Description	Qty
1	<p>MICROWAVE DIGESTION SYSTEM</p> <p>a. 400 W microwave power output via two magnetrons that ensures fast and direct heating</p> <p>b. An accurate immersing temperature probe in one reference vessel and an IR sensor underneath the cavity for sensing each vessel</p> <p>c. Max. temperature: 300-350°C</p> <p>d. Reaction Vessels Type: XF 100 (HF resistant)</p> <p>e. No of Reaction Vessels: 8</p> <p>f. Volume Capacity of Vessels: 100 mL or equivalent</p> <p>g. Liner material: PTFE-TFM</p> <p>h. Pressure jacket: Ceramic or PEEK</p> <p>i. Controlled pressure: 40 bar (580 psi)</p> <p>j. Max. pressure: 80 bar (1000 psi)</p> <p>k. Test pressure: 140 bar (2000 psi)</p> <p>l. Protection against overheating with high boiling reagents</p> <p>m. Simultaneous measurement of pressure & Tempt</p> <p>n. PTFE-coated cavity for maximum corrosion resistance and easy cleaning and maintenance</p> <p>o. One reference vessels with immersing temperature probe and pressure sensor</p> <p>p. Remote IR temperature control in all position</p> <p>q. Typical applications: Food samples, soil metals, alloys, geological material, glass, quartz or ash</p> <p>1. Limit of Supply Supply must include service and operational manuals in English along with relevant service drawings.</p> <p>2. Accessories 6 Nos. of Reaction Vessels as spare part (Complete)</p> <p>3. Make/Model Anton Paar Austria, Model Multiwave 5000 or USA/Japan or European or equivalent</p>	1