



SPECIFICATIONS

Rotating Bottle Apparatus

The Rotating Bottle Apparatus is designed for release-rate testing of most dosage forms. Bottles are clipped into a rotating shaft which is immersed in a water bath. The speed of rotation can be programmed. Originally designed as the Drug Release Apparatus in compliance with the National Formulary (NF) XIV, the rotating bottle system has no evaporative loss and may be useful for long-term drug release performance testing.



Rotating Bottle Specifications

Altitude	0 - 2000 m (0 - 6562 ft.)
Temperature	5 to 40 °C
Humidity (non-condensing)	Not more than 80% RH
Voltage requirements	115 V / 60 Hz 230 V / 50 Hz
Current requirements	115 V—3.0 Amp 230 V—2.0 Amp
Fuse requirements	115 V—3.0 Amp, 250 V, 5 mm x 20 mm FAST 230 V—2.0 Amp, 250 V, 5 mm x 20 mm FAST
Rotational speed	10 - 60 RPM
Spindle speed accuracy	± 2 RPM
Speed selection	Via front panel keypad
Display	Digital LED
Keypad	Sealed switch-type with numeric menu keys
Dimensions	Width: 48.26 cm (19 in.) Height: 60.96 cm (24 in.) Depth: 38.86 cm (15.3 in.)
Equipment weight	14.1 kg (31 lb), without bottles and water bath



Ordering Information

Product Description	Part Number
Rotating Bottle Apparatus, with circulator, 115V	30-1000
Rotating Bottle Apparatus, with circulator, 230V	30-1100
Rotating Bottle Apparatus, without circulator, 115V	30-1200
Rotating Bottle Apparatus, without circulator, 230V	30-1300

Accessory Ordering Information

Product Description	Part Number
Bottle cap, with Viton liner, for 100 mL	32-1101
Bottle cap, with Viton liner, for 200 mL	32-1105
Decant cap, with 40-mesh screen, for 100 mL	32-1121
Decant cap, with 40-mesh screen, for 200 mL	32-1125
Viton liner, for 100 mL	32-1201
Viton liner, for 200 mL	32-1205
Replacement screen, for decant cap, 40-mesh, for 100 mL	32-1221
Replacement screen, for decant cap, 40-mesh, for 200 mL	32-1225
Bottle clips, for 100 mL	32-1300
Bottle clips, for 16 x 100 mm tubes	32-1301
Bottle clips, for 28 x 98 mm (40 mL) tubes	32-1302
Bottle clips, for 200 mL	32-1305
Bottle, with cap, 100 mL	32-5001
Bottle, with cap, amber, 100 mL	32-5021
Bottle, with cap, amber, 200 mL	32-5030
Bottle only, amber, 100 mL	32-5521
Bottle only, clear, 100 mL	32-5530

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