

## DATA SHEET

# Reciprocating Holder Apparatus 7

Agilent Reciprocating Holder Apparatus 7 is designed for modified, extended and sustained drug-release performance testing. The system uses a reciprocating motion to dip the dosage form into fresh media at programmed time intervals.



### Key Benefits

- ▶ **Configurable.** Select standard 50 mL tubes for drug-release testing, or choose optional 100 and 300 mL tubes to fit your specific needs. Holders in various sizes to accommodate extended-release dosage forms are also available.
- ▶ **Versatile.** The Apparatus 7 may be equipped with various holders to test existing and novel dosage forms. The holders reciprocate through a period of 2 cm for consistent batch-to-batch evaluation.
- ▶ **Flexible.** Use one instrument to test six samples from one media to the next without operator intervention. The optional 12x12 release rate station may accommodate up to two sets of six drug products for testing at one time.
- ▶ **Compliant.** Be confident knowing the Reciprocating Holder Apparatus is compliant with the USP Physical Test Chapter <724> Drug Release.



## Apparatus 7 Specifications

Altitude	0-2000 m (0 – 6562')
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—2.0 Amp 230 V—2.0 Amp
Fuse requirements	115 V—2.0 Amp, 250 V, 5 mm x 20 mm FAST 230 V—2.0 Amp, 250 V, 5 mm x 20 mm FAST
Minimum dips per minute	5
Maximum dips per minute	60
Stroke length	2 ± 0.1 cm
Water bath temperature	Ambient + 5 to 55 °C
Number of rows	Standard 100 / 300 mL versions—6 rows of 7 tubes Modified 12 rows of 12 tubes 1L version—3 rows of 3 tubes Dual dipping rows available
USP holders	Reciprocating disk, angled disk, cylinder, acrylic rod and spring holder
Run time display format	hhh:mm programmable up to 999:59
Dip time interval display format	hhh:mm programmable up to 999:59
Drain time display format	mm:22 programmable up to 99:59
Hold time display format	mm:22 programmable up to 99:59
Printer	Impact
Dimensions	Height: 73.66 cm (29 in.) Width: 68.58 cm (27 in.) Depth: 69.85 cm (27.5 in.)
Equipment weight	43.1 kg (95 lbs), dry without vessels

## Ordering Information

Product Description	Part Number
Apparatus 7, 7-row, 115V	25-2000
Apparatus 7, 7-row, 230V	25-2100
Apparatus 7, Alza, 12-row, 115V	25-2490
Apparatus 7, Alza, 12-row, 230V	25-2495
Apparatus 7, 12-row, 115V	25-2500
Apparatus 7, 12-row, 230V	25-2600

## Accessory Ordering Information

Product Description	Part Number
Rod, acrylic-pointed kit, one position	27-3000
Holder, transdermal kit, one position	27-3001
Rod, acrylic-pointed, replacement assembly	27-3002
Reciprocating disk, Alza type, 1.6 cm sq.	27-8005
Reciprocating disk, Alza type, 2.5 cm sq.	27-8010
Reciprocating disk, Alza type, 5.0 cm sq.	27-8015
Reciprocating disk, Alza type, 7.0 cm sq.	27-8020
Reciprocating disk, Alza type, 10 cm sq.	27-8025
Angled disk holder, 1.98 in.	27-8035
Angled disk holder, 1.42 in.	27-8036
Basket shaft, mini, threaded, for use with PN 27-8620 and 27-8621	27-8600
Mini basket, 40-mesh, for use with PN27-8600	27-8620
Mini basket, 50-mesh, for use with PN27-8600	27-8621
Basket assembly, titanium	27-8622
Spring holder, Alza, 1.45 in. L x 0.58 in. inner dia. x 0.031 in. wire inner dia.	27-0100
Spring holder, Alza, 1.40 in. L x 0.31 in. inner dia. x 0.040 in. wire inner dia.	27-0101
Spring holder, Alza, 0.96 in. L x 0.33 in. inner dia. x 0.031 in. wire inner dia.	27-0102
Spring holder, Alza, 0.60 in. L x 0.25 in. inner dia. x 0.031 in. wire inner dia.	27-0103
Outer tube, 50 mL	27-5130
Outer tube, calibrated, 50 mL, class B	27-5135

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