



QUARTZ - 14TS

SPECIFICATION OUTLINE:

PARAMETER	QUARTZ 8TS	QUARTZ 14TS
LCD Size	5"	7"
Screen Type	Industrial Grade Resistive Touch Screen	Industrial Grade Capacitive Touch Screen
RPM Range	25 - 250	25 - 250
RPM Accuracy	±1 RPM	±1 RPM
Motor Type	Stepper Motor	Stepper Motor
Temp. Range	32°C - 40°C	32°C - 40°C
Temp. Calibration	YES	YES
Temp. Accuracy	± 0.5°C	± 0.5°C
Water Circulation	YES	YES
Heater Power	1000 W	2200 W
Temp. Sensors	Dual	Dual
Over Heat Protection	YES	YES
Report Memory	200	200
Methods Memory	40	40
Printer Interface	RS-232 (Printer Optional)	RS-232 (Printer Optional)
Water Tank	Molded	Molded
Diagnostics	YES	YES
System Login Security	YES	YES
Dimension (CM)	72x61x56 (HxWxD) Approx	76x122x51 (HxWxD) Approx
Weight (KG)	55	80
Max. Power	Approx. 2000 W	Approx. 3000 W

DISSOLUTION BASKETS

USP I apparatus use baskets. Dissolution Baskets are fragile and are easily damaged. The standard mesh size is 40 mesh but many other sizes from 10, 20, 40,100 and 150 mesh. We stock only 40 and 100 mesh other can be managed against order. The baskets are marked serial no and are strong enough for good life. Baskets should pass wobble test and mesh should be fixed in rings. Keep the baskets clean with washing or using ultrasonic bath.



SINKERS



Spiral Type



Basket Type

SINKERS

Using a sinker in Apparatus II fixes the dosage form to a certain point and aids reproducibility. Sinkers can also be useful where dosage forms may stick to the sides of the vessel. Two types Helix type (spiral) or Basket types are used we stock both.

DISSOLUTION PADDLES

USP II apparatus is widely used apparatus in dissolution testing. The dimension of paddle is precisely controlled. The material of paddle are Teflon or stainless steel. Paddles should also be stored properly. All paddles should be marked serial no. and should be wobble free. Most method use paddles. We have both Teflon and stainless steel paddles.





DISSOLUTION JARS

Dissolution Vessels are a critical part of the apparatus and should be treated as a precision part. Dissolution vessels play a big part in the dissolution process and it is perhaps surprising that such a large tolerance in the inside diameter is allowed.

Material may be Glass or Plastic. We stock both as per specification of USP. Volume also varies from 100 to 1000 ml. we have only 1000 ml volume jars.

SAMPLING CANULLA

Sampling canulla are used to take the sample as described by USP and other pharmacopoeia's we use proper material and dimension. Sampling canulla comes with 20 ml syringe and syringe filter.



PRINTER

Used to print reports. 80mm paper roll is used. You may copy the report for long time storage for record.

