

ELECTROLAB

Reciprocating Dissolution Tester- USP Apparatus 3 and 7



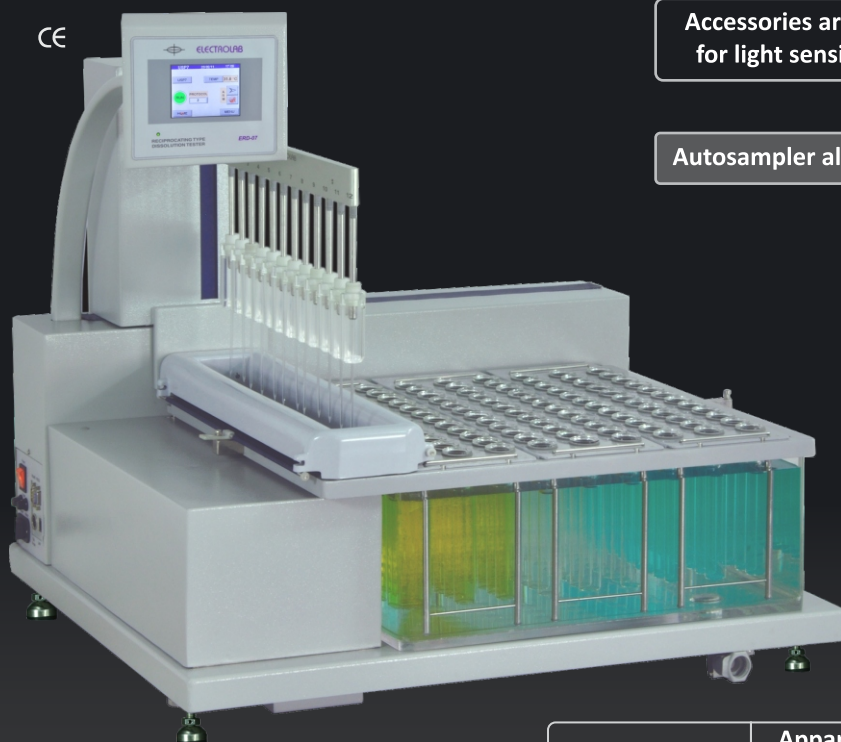
BETATEK INC.
Instrumentation Superbly Supported
L'instrumentation à son meilleur

654 Petrolia Road,
Toronto, ON M3J 2W3
Tel: (416) 736-6166
Toll-Free: (800) 387 3570
Fax: (416) 736-9346



Reciprocating Dissolution Tester (ERD-37)

USP Apparatus 3 and 7



Accessories are available
for light sensitive drugs

Autosampler also available

	Apparatus 3	Apparatus 7
Vessel Capacity*	Rows x Vessels	Rows x Vessels
50 ml	—	9 x 12
100 ml	6 x 7	6 x 7
300 ml	6 x 7	6 x 7
1000 ml	2 x 3	2 x 3

*Customized vessels capacity available

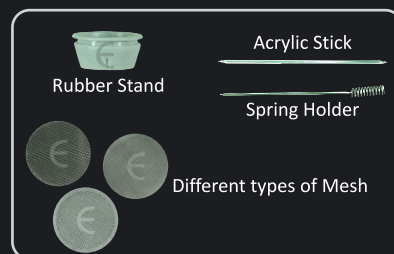
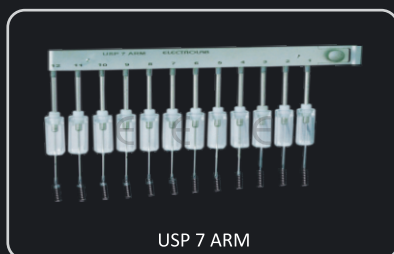
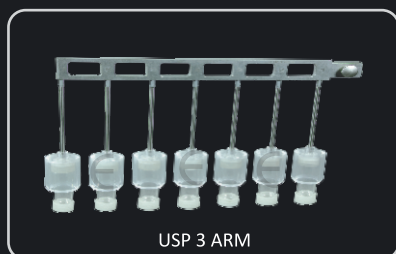
Key Features

- Complies to current USP Apparatus 3 and 7 specifications
- End user can switch between USP 3 and 7 methods within minutes and without any special tools
- Ideal for extended release products or any dosage form requiring release profiling at multiple pH levels
- Select between multiple configurations of rows, vessels and vessel volume to meet testing needs for both USP 3 and 7 methods
- 3.5" TFT display with touch screen
- Facilities manual and auto sampling
- 20 programmable protocols with 24 sample intervals
- Dip rate ranges between 5 to 50 dpm with an accuracy of $\pm 5\%$
- Temperature range between 30°C to 40°C with an accuracy of $\pm 0.1^{\circ}\text{C}$
- Online validation of dpm and temperature

Dissolution Testers



Accessories For ERD-37



Diffusion Cell Apparatus (EDC-07)



7

Station



Sizes of cell



Key Features

- 7 Station apparatus
- Ideal for transdermal and topical products
- Staggered timer function allows the sampling interval time to be equal for each cell
- 10 programmable protocols with 12 sample intervals
- Vertical diffusion cells available in 5, 7.5, 12.5 and 20 ml sizes
- Ergonomically designed to save bench space

2 Station Diffusion Cell Apparatus (EDC-02) also available

Dissolution Tester Accessories

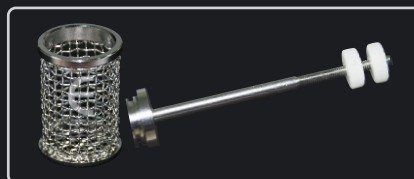


Basket in 10 mesh, 20 mesh, 40 mesh and Gold plated basket

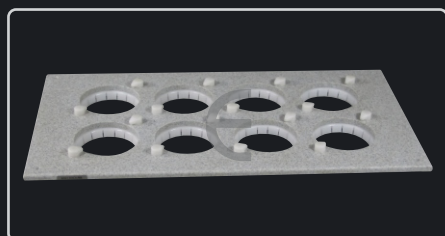


Basket holder with clip

Basket holder with 'O' ring



Stationary basket



Composite top plate for glass vessel



Paddles for 100 ml, 250 ml, 1 ltr, 2 ltr and paddles for enhancer cell



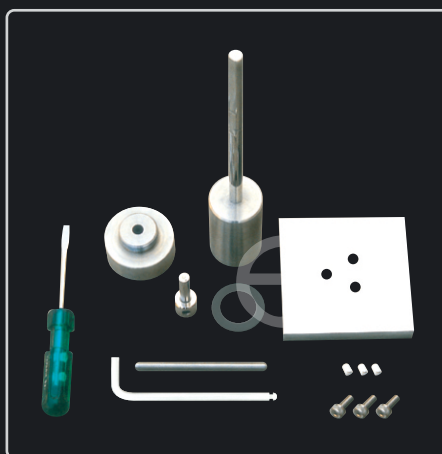
Paddle over disc



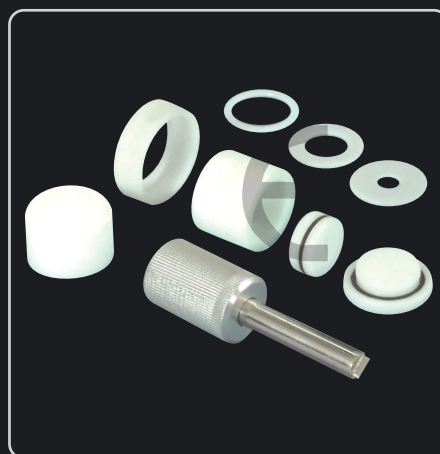
107.9 mm

50.8 mm

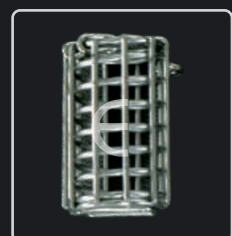
Transdermal cylinder height



Intrinsic attachment



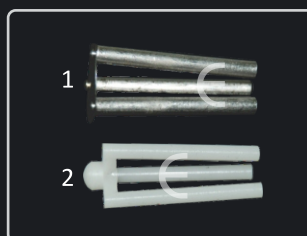
Enhancer cells
(for ointment, suspension & emulsion)



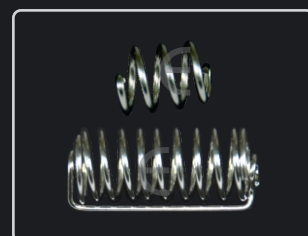
Japanese sinker



sinker



1. 3 prong sinker (SS)
2. 3 prong sinker



Spring type sinker
Big and Small

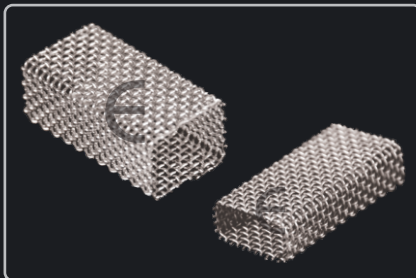
Dissolution Testers



Dissolution Tester Accessories



Cage type sinker
Big and small



Metformin sinker
Big and small



Teflon coated sinker
Spring type



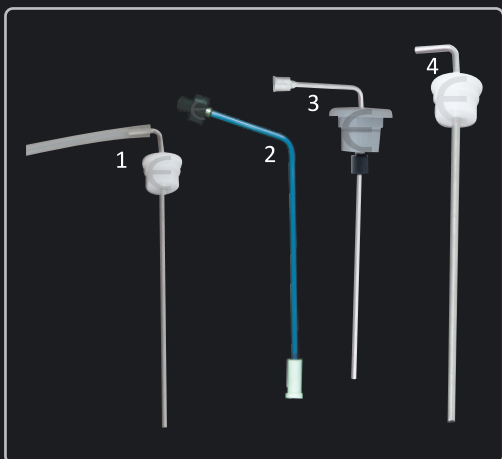
1. Helical coil sinker
(L 2.4 cm D 0.1 cm & GAPS 0.5 cm)
2. Helical coil sinker – Capwht-02
3. Helical coil sinker – Capwht-2S



1. Disposable filters
2. SS filters with holder
3. Disc filter



Digital depth gauge



1. Sampling cannula fixed height
2. Sampling cannula for KoneVessel™
3. Adjustable sampling cannulas for low evaporation jar lid
4. Sampling cannula for (2 ltr) vessel



Validation kit



Vibration meter

Serialised laser marked accessories

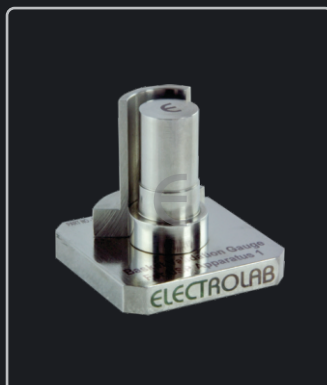
Dissolution Testers



Dissolution Tester Accessories



Mesh integrity microscope



Basket validation gauge



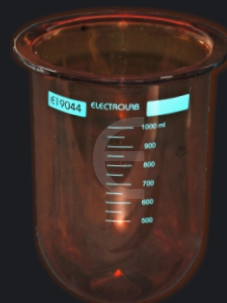
Low volume conversion kit



Dissolution test vessels in glass 100 ml, 250 ml, 1 ltr, 4 ltr capacity and Polycarbonate vessels in 1 ltr capacity.
All the above are available in both clear and amber color



KoneVessel™ (1 ltr)
Clear



KoneVessel™ (1 ltr)
Amber