

Flow-Through Cell Dissolution Tester

Open loop auto sampling with Media Selector



EFD-07

Features:

- Complies with USP and Ph. Eur. Specifications
- Valveless ceramic pump heads
- Seven cell stations
- User friendly intuitive touch screen interface
- 1000 programmable protocols
- Automatic flow rate adjustment for individual channels
- Program support for gravimetric flow validation and calibration of individual channel
- Individual cell temperature monitor
- Isolated water circulating pump for precise temperature control of the water bath
- Embedded printer for printing reports
- Ideal for dissolution testing of tablets, capsules, implants, suspensions, drug-eluting stents, ointments, creams, microspheres and other sustained release dosage forms
- Automatic tray identification and detection
- Smooth and noise free movement of arm
- Completely covered to prevent contamination and air drafts which cause excess evaporation of the collected samples
- Ergonomically designed to save bench space
- Self test mode for checking all features.
- Split in two trays for easy handling of samples
- Split ratio is managed by EFD-07 depending on the set volume to be collected
- Up to 21 sample time-points can be collected for extended release tests
- Visual indication of status :
 - Idle
 - Run
 - Error

- 4 position media selector for 4 different media
- Automatically controlled by EFD-07
- Indicator for respective position
- Ideal for modified release drugs

Specifications:

Model	EFD-07
Touch screen display	7"
Bath temperature	20.0° C to 45.0° C (Extended temperature range from 10°C to 65°C)
Bath temperature accuracy	±0.1° C
Piston pump stroke rate	120 strokes/min
Piston pump stroke rate accuracy	± 1 stroke
Programmable flow rate for individual channel	2 ml/min to 32 ml/min
Accuracy of flow rate	± 5%
Sample volume	1ml to 70 ml

Ordering Information:

Products		
Product code	Description	Quantity
0240400	EFD-07 (Body made of S.S.) -230V	1
0220400	EFD-07 (Body made of M.S.) -230V	1
0230400	EFD-07 (Body made of S.S.) -110V	1
0210400	EFD-07 (Body made of M.S.) -110V	1

Standard accessories		
Part number	Description	Quantity
1401A00049	EFD Cell Jacket Assembly	7
1401A00058	EFD PTFE Tube Size 3.2mm OD - Length 1200mm	1
1401A00010	EFD ruby beads (5 mm)	1
1401A00002	Glass beads (1.5 mm)	7
1401A00023	EFD Tapper for Glass Beads	200 gm
1401A00019	EFD Dummy Cell	7

Optional accessories		
Part number	Description	Quantity
1401A00003	EFD Flow Through Cell - 22.6 mm ID	1
1401A00004	EFD Flow Through Cell - 12 mm ID	1
1401A00005	EFD Flow Through Cell - 12 mm ID Powder & Granule	1
1401A00006	EFD Dialysis Apparatus Assembly	1
1401A00007	EFD Inhaler Aerosol Cell Assembly	1
1401A00012	EFD Suppository Cell Assembly	1
0909A00007	STARLITE-12 thermal paper roll (Set of 24)	1
0103A00203	EDT Deconex 12 basic (500ml)	1

*The information contained in this document is believed to be correct but ELECTROLAB accepts no liability for any errors and reserves the right to alter specifications without notice.

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