

Diffusion Cell Apparatus



EDC-07

Features:

- 7 station apparatus
- Ideal for transdermal and topical products
- 10 programmable protocols with 12 sample intervals
- Ergonomically designed to save bench space
- Vertical diffusion cells available in 5, 7.5 ,12, 15 ml and 20 ml sizes
- Specially designed for academic instructions
- Simultaneous timer function allows the sampling interval time to be cumulative
- The machine is equipped with seven diffusion cells
- 30 - 1000 RPM Settable
- External temperature sensor for validating the media temperature

Specifications :

Model	EDC-07
Number of Cells	7
No. of protocol	10 maximum
Sample interval	12
No. of motor	1
Range	30.0°C to 40.0°C
Control accuracy	± 0.5°C
Resolution	0.1°C
Heater sensor	RTD (PT 100)
Heater wattage	100 watts
External probe sensor	RTD (PT 100)
Type	Magnetic Coupling
Flow rate	15 litres/min
No. of Timer	1
Range	1 min to 999 hrs 59 min
Display	20 x 4 LCD
Supply	230 VAC, 50 Hz OR 110 VAC, 60 Hz
Fuse	2 Amp/250 V (For Input 230 V AC,50Hz)
Power Consumption	1 K VA
Dimensions (L x W x H)	455 x 450 x 392 mm

Ordering information:

Products

Product code	Description	Quantity
1020100	EDC -07 (Body made of M.S.) -230V	1
1010100	EDC -07 (Body made of M.S.) -110V	1

Standard accessories

Part number	Description	Quantity
1001A00060	EDC Diffusion Cell Without Purging – 7.5ml	1
1001A00071	EDC Thumb Nut (Set of 8)	1
1001A00017	EDC-07 Magnetic Candy 3x6 mm (Set of 7)	1
1001A00067	EDC Dummy Cell	1
1001A00069	EDC Acrylic Hood	1
0104B00018	EDT V-1234 External Probe	1
1001A00150	EDC Plastic Syringe	1
1001A00039	EDC-07 Sample Withdrawal Syringe -1ml (Set of 7)	1
1001B00005	EDC Temp calibration Assembly with probe holder	1
1001A00023	EDC-07 Clamp Plate (Set of 7)	1

Optional Accessories

Part number	Description	Quantity
1001A00055	EDC Diffusion Cell with Purging – 15mL (20mm ID X 34mm OD)	7
1001A00056	EDC Diffusion Cell Without Purging – 15mL (20mm ID X 34mm OD)	7
1001A00053	EDC Diffusion Cell with Purging – 12.5mL (15mm ID X 34mm OD)	7
1001A00054	EDC Diffusion Cell Without Purging – 12.5mL (15mm ID X 34mm OD)	7
1001A00148	EDC Diffusion Cell Without Purging – 12mL (15mm ID X 34mm OD)	7
1001A00147	EDC Diffusion Cell with Purging – 12mL (15mm ID X 34mm OD)	7
1001A00144	EDC Diffusion Cell Amber colour With Purging – 12ml (15mm ID X 34mm OD)	7
1001A00143	EDC Diffusion Cell Amber colour Without Purging – 12ml (15mm ID X 34mm OD)	7
1001A00051	EDC Diffusion Cell with Purging – 7.5mL (15mm ID X 34mm OD)	7
1001A00052	EDC Diffusion Cell Without Purging – 7.5mL (15mm ID X 34mm OD)	7
1001A00050	EDC Diffusion Cell Without Purging – 5mL (9mm ID X 34mm OD)	7
1001A00049	EDC Diffusion Cell with Purging – 5mL (9mm ID X 34mm OD)	7

Optional Accessories		
Part number	Description	Quantity
1001A00012	EDC Glass Diffusion Cell Without Purging - 12ml – 34mm Orifice	7
1001A00013	EDC Glass Diffusion Cell With Purging - 12ml – 34mm Orifice	7
1001A00110	EDC Glass Diffusion Cell With Purging - 20ml – 34mm Orifice	7
1001A00109	EDC Glass Diffusion Cell Without Purging - 20ml – 34mm Orifice	7
1001A00034	EDC Glass Diffusion Cell With Purging - 5ml – 34mm Orifice	7
1001A00004	EDC Glass Diffusion Cell Without Purging - 5ml – 34mm Orifice	7
1001A00037	EDC Glass Diffusion Cell Without Purging - 7.5ml – 34mm Orifice	7
1001A00038	EDC Glass Diffusion Cell With Purging - 7.5ml – 34mm Orifice	7
1001A00112	EDC-07 Clamp Plate 20 ml (Set of 7)	1
1001A00068	EDC-07 Acrylic Cell Holder with SS Plate – 30 mm Orifice (Set of 7)	1
1001A00142	EDC-07 Sample Withdrawal Syringe -10ml (Set of 7)	1
1001A00023	EDC-07 Clamp Plate 7.5ml/12ml (Set of 7)	1
1001A00149	EDC Diffusion Cell with Purging – 12mL (15mm ID X 30mm OD)	7
1001A00141	EDC Diffusion Cell Without Purging – 12ml (15mm ID X 30mm OD)	7
1001A00060	EDC Diffusion Cell Without Purging – 7.5mL (15mm ID X 30mm OD)	7
1001A00059	EDC Diffusion Cell with Purging – 7.5mL (15mm ID X 30mm OD)	7
1001A00058	EDC Diffusion Cell Without Purging – 5mL (9mm ID X 30mm OD)	7
1001A00057	EDC Diffusion Cell with Purging – 5mL (9mm ID X 30mm OD)	7
1101A00074	EDC-07 Top plate (Cell holder mounting plate)	1
1001A00010	EDC Glass Diffusion Cell Without Purging - 12ml – 30mm Orifice	7
1001A00011	EDC Glass Diffusion Cell With Purging - 12ml – 30mm Orifice	7
1001A00006	EDC Glass Diffusion Cell Without Purging - 7.5ml – 30mm Orifice	7
1001A00136	EDC Glass Diffusion Cell Amber colour Without Purging - 7.5ml – 30mm Orifice With Donar cap.	7
1001A00137	EDC Glass Diffusion Cell Amber colour Without Purging - 12ml – 30mm Orifice With Donar cap.	7
1001A00041	EDC Glass Diffusion Cell With Purging - 5 ml – 15mm Orifice (New)	7
1001A00040	EDC Glass Diffusion Cell Without Purging - 5 ml – 15mm Orifice (Old)	7
1001A00138	EDC Glass Diffusion Cell Amber colour Without Purging - 7.5ml – 15mm Orifice With Donar cap.	7
1001A00139	EDC Glass Diffusion Cell Amber colour Without Purging - 12ml – 15mm Orifice With Donar cap.	7
1001A00025	EDC-07 Donor Cap Close 7.5ml/12ml (Set of 7)	1
1001A00027	EDC-07 Tygon Tube (Set of 14)	1
1001A00026	EDC-07 Donor Cap Open 7.5 & 12 ML (Set of 7)	1
1001A00015	EDC-07 Holder Sealing Rubber (Set of 7)	1
1001A00044	EDC-07 Donor Cap Close 15ml (Set of 7)	1
1001A00024	EDC-07 Donor Washer 7.5ml/12ml (Set of 7)	1

Optional Accessories		
Part number	Description	Quantity
1101A00074	EDC-07 Top plate(Cell holder mounting plate)	1
1001A00140	EDC-07 Silicon Tube 4 x 7 (Set of 14)	1
1001A00142	EDC-07 Sample Withdrawal Syringe -10ml (Set of 7)	1
1001A00023	EDC-07 Clamp Plate 7.5ml/12ml (Set of 7)	1
1101A00074	EDC-07 Top plate(Cell holder mounting plate)	1
1001A00033	EDC-07 Glass Donor Cap Open 7.5 & 12 ML (Set of 7)	1
1001A00018	EDC-07 Magnetic Candy 3x10 mm (Set of 7)	1
1001A00019	EDC-07 Clamp Plate 5ml (Set of 7)	1
1001A00014	EDC-07 Acrylic Cell Holder with SS Plate – 34 mm Orifice (Set of 7)	1
1001A00108	EDC-07 Acrylic Cell Holder– 34 mm Orifice (Set of 7)	1
1001A00004	EDC-07 Certified Glass Cell (15 mm Orifice & 7.5ml Volume) Without Cap	1
1001A00032	EDC-07 Acrylic Donor Cap Open 7.5 & 12 ML (Set of 7)	1
1001A00031	EDC-07 Glass Donor Cap Close 7.5ml/12ml (Set of 7)	1
1001A00030	EDC-07 Acrylic Donor Cap Close 7.5ml/12ml (Set of 7)	1
1001A00029	EDC-07 Glass Donor Cap Open 5ml (Set of 7)	1
1001A00028	EDC-07 Donor Cap Close 5ml (Set of 7)	1
1001A00022	EDC-07 Donor Cap Open 5ml (Set of 7)	1
1001A00021	EDC-07 Donor Cap Close 5ml (Set of 7)	1
1001A00020	EDC-07 Donor Washer 5ml (Set of 7)	1
1001A00017	EDC-07 Magnetic Candy 3x6 mm (Set of 7)	1
1001A00016	EDC-07 Cell Cap (Set of 7)	1
1001A00003	EDC-07 Certified Glass Cell (15 mm Orifice & 12.5ml Volume) Without Cap	1
1001A00001	EDC Adjustable Leg with Check Nut (Set of 4)	1
1001A00009	EDC - 'O' Ring for Lid of 12ml Cell	1
1001A00044	EDC-07 Donor Cap Close 15ml (Set of 7)	1
1001A00065	EDC Teflon Donor Cap – Close 7.5ml (Set of 7)	1
1001A00066	EDC Teflon Donor Cap – Close 12.5ml (Set of 7)	1
1001A00070	EDC Teflon Donor Cap – Open 7.5ml (Set of 7)	1
1001A00151	EDC Diffusion Cell Without Purging – 5mL (15mm Orofic X 30mm OD)	1
1001A00008	EDC – Acrylic Lid of 12ml Cell	1
1001A00145	EDC Validation Kit.	1
1001A00146	EDC Platinum Kit	1
1101A00074	EDC-07 Top plate(Cell holder mounting plate)	1
1101A00075	EDC Diffusion Cell Without Purging – 10mL (34)	1
1001A00111	EDC Teflon Donor Cap – Close 20ml (Set of 7)	1
1001A00108	EDC-07 Acrylic Cell Holder– 34 mm Orifice (Set of 7)	1
1001A00005	EDC Glass Lid Of 12ml Cell	1

Assurance Plan		
Part number	Description	Quantity
1001S01	Platinum Assurance Plan for Diffusion Cell Apparatus Model EDC-07	1
1001S02	Gold Assurance Plan for Diffusion Cell Apparatus Model EDC-07	1
1001S03	Silver Assurance Plan for Diffusion Cell Apparatus Model EDC-07	1
1001S20	Bronze Assurance Plan for Diffusion Cell Apparatus Model EDC-07	1

Breakdown Accessories

Part number	Description	Quantity
1001B00035	EDC-07 Heater Card New	1
1001B00020	EDC-07 Circulation Pipe with Barb Assy.-1 & 2	1
1001B00029	EDC-07 Compatch Card	1
1001B00021	EDC-07 DCV Valve with Luer Lock FTLL 230-1	1
1001B00018	EDC-07 Driven Pulley Assembly (Set of 7)	1
1001B00027	EDC-07 Driver Card	1
1001B00030	EDC-07 Heater Card	1
1001B00022	EDC-07 Luer Lock Female FTLL 240-1 (Set of 7)	1
1001B00023	EDC-07 Luer Lock Male MTLT 240-1 (Set of 7)	1
1001B00028	EDC-07 OPTO Card	1
1001B00024	EDC-07 Processor Card with Patch	1
1001B00019	EDC-07 Timer Belt 170XL (Set of 3)	1
1001B00034	EDC-07 Front Panel With Keypad	1
1001B00013	EDC – Circulation Pump	1
1001B00032	EDC Bath Temperature Probe	1
1001B00031	EDC Clamps for holding Heater (Set of 4)	1
1001B00001	EDC Heater Assembly	1
1001B00026	EDC Luer Lock FTLL 230-1 (Set of 2)	1
1001B00016	EDC Motor	1
1001B00005	EDC Luer Lock FTLL 230-1 (Set of 2)	1
1001B00033	EDC Temperature Probe	1

Service Charges

Part number	Description	Quantity
1001S05	Service Charges for Diffusion Cell Apparatus Model EDC-07	1

IQ/OQ Document

Part number	Description	Quantity
1001S15	IQ/OQ Document for Diffusion Cell Apparatus Model EDC-07	1

Reinstallation Charges

Part number	Description	Quantity
1001S10	Reinstallation Charges without IQ/OQ Document for Diffusion Cell Apparatus Model EDC-07	1
1001S11	Reinstallation Charges with IQ/OQ Document for Diffusion Cell Apparatus Model EDC-07	1

Dismantling Charges

Part number	Description	Quantity
1001S12	Inspection Charges for Diffusion Cell Apparatus Model EDC-07	1

Single Validation Charges

Part number	Description	Quantity
1001S08	Single Validation Charges for Diffusion Cell Apparatus Model EDC-07	1

Inspection & Service Charges

Part number	Description	Quantity
1001S06	Inspection & Service Charges for Diffusion Cell Apparatus Model EDC-07	1

In-House Repairing

Part number	Description	Quantity
1001S07	In-House Repairing for Diffusion Cell Apparatus Model EDC-07	1

Upgradation

Part number	Description	Quantity
1001S13	Upgradation for Diffusion Cell Apparatus Model EDC-07	1

Inspection Charges for Diffusion Cell Apparatus Model EDC-07

Part number	Description	Quantity
1001S04	Inspection Charges for Diffusion Cell Apparatus Model EDC-07	1