

Diffusion Cell Apparatus



EDC-02

Features:

- 2 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 two diffusion cells
- 30 - 1000 RPM Settable
- External temperature sensor for validating the media temperature

Specifications:

Model	EDC-02
Number of Cells	2
No. of protocol	10 maximum
Sample interval	12
No. of motor	1
Range	30.0°C to 40.0°C
Control accuracy	± 0.1°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)	450 mm x 425 mm x 365 mm

Ordering Information:

Products		
Product code	Description	Quantity
1020200	EDC-02 (Body made of M.S.)-230V	1
1010200	EDC-02 (Body made of M.S.)-110V	1

Standard accessories		
Part number	Description	Quantity
1001A00071	EDC Thumb Nut (Set of 8)	1
1001A00067	EDC Dummy Cell	1
1001A00069	EDC Acrylic Hood	1
0104B00018	EDT V-1234 External Probe	1
1001A00150	EDC Plastic Syringe	1
1001A00072	EDC-02 clamp plate (Set of 2)	1
0201A00013	Glass Beaker 1000ml	1
1001B00005	EDC Temp Calibration Assembly with Probe Holder	1

Optional accessories		
Part number	Description	Quantity
1001A00055	EDC Diffusion Cell with Purging – 15mL (20mm ID X 34mm OD)	2
1001A00056	EDC Diffusion Cell Without Purging – 15mL (20mm ID X 34mm OD)	2
1001A00053	EDC Diffusion Cell with Purging – 12.5mL (15mm ID X 34mm OD)	2
1001A00054	EDC Diffusion Cell Without Purging – 12.5mL (15mm ID X 34mm OD)	2
1001A00148	EDC Diffusion Cell Without Purging – 12mL (15mm ID X 34mm OD)	2
1001A00147	EDC Diffusion Cell with Purging – 12mL (15mm ID X 34mm OD)	2
1001A00144	EDC Diffusion Cell Amber colour With Purging – 12mL (15mm ID X 34mm OD)	2
1001A00143	EDC Diffusion Cell Amber colour Without Purging – 12mL (15mm ID X 34mm OD)	2
1001A00051	EDC Diffusion Cell with Purging – 7.5mL (15mm ID X 34mm OD)	2
1001A00052	EDC Diffusion Cell Without Purging – 7.5mL (15mm ID X 34mm OD)	2
1001A00050	EDC Diffusion Cell Without Purging – 5mL (9mm ID X 34mm OD)	2
1001A00049	EDC Diffusion Cell with Purging – 5mL (9mm ID X 34mm OD)	2
1001A00012	EDC Glass Diffusion Cell Without Purging - 12ml – 34mm Orifice	2
1001A00013	EDC Glass Diffusion Cell With Purging - 12ml – 34mm Orifice	2
1001A00110	EDC Glass Diffusion Cell With Purging - 20ml – 34mm Orifice	2
1001A00109	EDC Glass Diffusion Cell Without Purging - 20ml – 34mm Orifice	2
1001A00034	EDC Glass Diffusion Cell With Purging - 5ml – 34mm Orifice	2
1001A00004	EDC Glass Diffusion Cell Without Purging - 5ml – 34mm Orifice	2
1001A00037	EDC Glass Diffusion Cell Without Purging - 7.5ml – 34mm Orifice	2
1001A00038	EDC Glass Diffusion Cell With Purging - 7.5ml – 34mm Orifice	2

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Optional accessories		
Part number	Description	Quantity
1001A00141	EDC Diffusion Cell Without Purging – 12ml (15mm ID X 30mm OD)	2
1001A00060	EDC Diffusion Cell Without Purging – 7.5mL (15mm ID X 30mm OD)	2
1001A00059	EDC Diffusion Cell with Purging – 7.5mL (15mm ID X 30mm OD)	2
1001A00058	EDC Diffusion Cell Without Purging – 5mL (9mm ID X 30mm OD)	2
1001A00057	EDC Diffusion Cell with Purging – 5mL (9mm ID X 30mm OD)	2
1001A00076	EDC-02 Magnetic Candy 3 x 6 mm (Set of 2)	2
1001A00010	EDC Glass Diffusion Cell Without Purging - 12ml – 30mm Orifice	2
1001A00011	EDC Glass Diffusion Cell With Purging - 12ml – 30mm Orifice	2
1001A00006	EDC Glass Diffusion Cell Without Purging - 7.5ml – 30mm Orifice	2
1001A00136	EDC Glass Diffusion Cell Amber colour Without Purging - 7.5ml – 30mm Orifice With Donar cap	2
1001A00137	EDC Glass Diffusion Cell Amber colour Without Purging - 12ml – 30mm Orifice With Donar cap	2
1001A00041	EDC Glass Diffusion Cell With Purging - 5 ml – 15mm Orifice (New)	2
1001A00040	EDC Glass Diffusion Cell Without Purging - 5 ml – 15mm Orifice (Old)	2
1001A00138	EDC Glass Diffusion Cell Amber colour Without Purging - 7.5ml – 15mm Orifice With Donar cap	2
1001A00139	EDC Glass Diffusion Cell Amber colour Without Purging - 12ml – 15mm Orifice With Donar cap	2
1001A00001	EDC Adjustable Leg with Check Nut (Set of 4)	1
1001A00009	EDC - 'O' Ring for Lid of 12ml Cell	1
1001A00065	EDC Teflon Donor Cap – Close 7.5ml (Set of 2)	1
1001A00066	EDC Teflon Donor Cap – Close 12.5ml (Set of 2)	1
1001A00070	EDC Teflon Donor Cap – Open 7.5ml (Set of 2)	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
1101A00075	EDC Diffusion Cell Without Purging – 10mL (34)	1
1001A00111	EDC Teflon Donor Cap – Close 20ml (Set of 2)	1
1001A00005	EDC Glass Lid Of 12ml Cell	1
1001A00074	EDC-02 Donor Cap Close 5ml (Set of 2)	1
1001A00072	EDC-02 Clamp Plate 5ml (Set of 2)	1
1001A00073	EDC-02 Donor Washer 5ml (Set of 2)	1
1001A00075	EDC-02 Donor Cap Open 5ml (Set of 2)	1

Breakdown Accessories		
Part number	Description	Quantity
	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 Temp Calibration Assembly with Probe Holder	1
1001B00033	EDC Temperature Probe	1
1002B00021	EDC-02 DCV Valve with Luer Lock FTLL 230-1	1

Assurance Plan		
Part number	Description	Quantity
1002S01	Platinum Assurance Plan for Diffusion Cell Apparatus Model EDC-02	1
1002S02	Gold Assurance Plan for Diffusion Cell Apparatus Model EDC-02	1
1002S03	Silver Assurance Plan for Diffusion Cell Apparatus Model EDC-02	1
1002S20	Bronze Assurance Plan for Diffusion Cell Apparatus Model EDC-02	1

Service Charges		
Part number	Description	Quantity
1002S05	Service Charges for Diffusion Cell Apparatus Model EDC-02	1

IQ/OQ Document		
Part number	Description	Quantity
1002S15	IQ/OQ Document for Diffusion Cell Apparatus Model EDC-02	1

Reinstallation Charges		
Part number	Description	Quantity
1002S10	Reinstallation Charges without IQ/OQ Document for Diffusion Cell Apparatus Model EDC-02	1
1002S11	Reinstallation Charges with IQ/OQ Document for Diffusion Cell Apparatus Model EDC-02	1

Inspection Charges		
Part number	Description	Quantity
1002S04	Inspection Charges For Diffusion Cell Apparatus Model EDC-02	1

Dismantling Charges		
Part number	Description	Quantity
1002S12	Dismantling Charges For Diffusion Cell Apparatus Model EDC-02	1

Single Validation Charges		
Part number	Description	Quantity
1002S08	Single Validation Charges For Diffusion Cell Apparatus Model EDC-02	1

Upgradation		
Part number	Description	Quantity
1002S13	Upgradation Charges For Diffusion Cell Apparatus Model EDC-02	1

Re-calibration Charges		
Part number	Description	Quantity
1002S09	Re-calibration Charges For Diffusion Cell Apparatus Model EDC-02	1

In-House Repairing		
Part number	Description	Quantity
1002S07	In-House Repairing Charges For Diffusion Cell Apparatus Model EDC-02	1

Inspection & Service Charges		
Part number	Description	Quantity
1002S06	Inspection & Service Charges For Diffusion Cell Apparatus Model EDC-02	1