

ElectroForce® 3DCulturePro™ Bioreactor Technical Specifications

Bioreactor Chamber

Sample Chamber Dimensions (W x D x H).....	24.5 x 20.8 x 102.5 mm
Sample Chamber Volume.....	52 mL
Reservoir Chamber Dimensions (W x D x H).....	24.5 x 32.2 x 102.5 mm
Reservoir Chamber Volume	77 mL
Total Bioreactor System Volume.....	145 mL
Chamber Mass (Empty).....	0.4 kg
Pressure Limit.....	300 mmHg
PTFE Filter Pore Size (25 mm).....	0.2 µm
Sterilization.....	Autoclave, ETOH

Sample

Disc

- Sample Length (Platen to Platen)..... 0-40 mm
- Platen Diameter..... 10 mm
- Platen Pore Size..... 0.5 mm

Strip

- Sample Length (Grip to Grip)..... 5-40 mm
- Grip Sample Width..... 10 mm
- Grip Sample Thickness (Opening)..... 0-8 mm

Tube

- Sample Length (Barb to Barb)..... 0-40 mm
- Sample Outer Diameter (Maximum)..... 20 mm

Stand

Single Chamber Stand

- Dimensions (W x D x H)..... 175 x 165 x 275 mm
- Mass..... 0.53 kg

6 Chamber Stand

- Dimensions (W x D x H)..... 430 x 300 x 450 mm
- Mass..... 3.4 kg

Pump Assembly

Dimensional Envelope (W x D x H).....	205 x 440 x 205 mm
Mass.....	7.9 kg
Flow Range 3.17 mm ID (Pump Tubing).....	1.3-130 mL/min, 3-300 RPM

*Specifications subject to change

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