

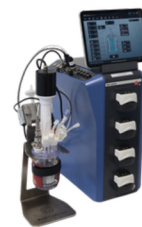
ComfyCell Benchtop Technical Specs



Control Towers

| Features | Description |
|-------------------------------------|--|
| Size | 223 x 402 x 450 mm / 8.77 x 15.82 x 17.71 inch |
| Weight | 14 kg / 8.81 lb |
| Control and monitoring | 10.4-inch tablet |
| pH-Control | Base, Acid, CO2 |
| Stirring | Direct drive – Speed range depending on reactor size |
| Pumps | Flowrate min: 0.3mL/min |
| | Flowrate max: 270mL/min |
| Standard Sensors (Control Accuracy) | pH (± 0.05 pH) |
| | pO2 (± 0.3 %sat) |
| | Temperature (± 0.2 °C) |
| Voltage & Frequency | 100 – 240 V, 50/60 Hz |

ComfyCell Benchtop Technical Specs



Single-Use Vessels

| Feature | 0.3L Single-Use Vessel | 2L Single-Use Vessel | 10L Single-Use Vessel |
|----------------------|---------------------------------|---------------------------------|---------------------------------|
| Ideal Working Volume | 150mL or 300mL | 1L to 2L | 5L to 10L |
| Size (WxDxH) | 85 x 85 x 125 mm | 140 x 140 x 240 mm | Coming Soon! |
| Inner diameter | 75 mm | 110 mm | Coming Soon! |
| Net weight | 0.4 kg / 0.88 lb | 0.9 kg / 1.98 lb | Coming Soon! |
| Stirring speed | 0 – 200 RPM | 0 – 150 RPM | Coming Soon! |
| Standard Sensors | pH, pO ₂ , Temp | pH, pO ₂ , Temp | pH, pO ₂ , Temp |
| Optional Sensors | Glucose, RAMAN, Cell Mass, etc. | Glucose, RAMAN, Cell Mass, etc. | Glucose, RAMAN, Cell Mass, etc. |
| Total ports | 3 x PG13.5 | 4 x PG13.5 | 4/5 x PG13.5 |
| Perfusion | In-situ, Dip Tube, ATF, TFF | In-situ, Dip Tube, ATF, TFF | In-situ, ATF, TFF |
| Sterilization | Autoclaving | Autoclaving | Autoclaving |

ComfyCell Benchtop Technical Specs



Glass Vessels

| Feature | 2L Single-Use Vessel | 10L Single-Use Vessel |
|----------------------|---------------------------------|---------------------------------|
| Type | Single or Double Wall | Single or Double Wall |
| Ideal Working Volume | 1L to 2L | 5L to 10L |
| Size (WxDxH) | 210 x 210 x 420 mm | 230 x 230 x 490 mm |
| Inner diameter | 130 mm | 190 mm |
| Net weight | 10.55 kg / 23.26 lb | 21.9 kg / 48.28 lb |
| Stirring speed | 0 – 300 RPM | 0 – 150 RPM |
| Standard Sensors | pH, pO ₂ , Temp | pH, pO ₂ , Temp |
| Optional Sensors | Glucose, RAMAN, Cell Mass, etc. | Glucose, RAMAN, Cell Mass, etc. |
| Total ports | 4 x PG13.5 | 4 x PG13.5 |
| Perfusion | ATF, TFF | ATF, TFF |
| Sterilization | Autoclaving | Autoclaving |