

PIONEER PRO-PUMP®

USER MANUAL



The Most Dependable IVF
Aspiration Pump

Pioneer Pro-Pump® Single



- | | |
|----------------------------|------------------------------|
| 1. Vacuum inlet tube | 6. Vacuum control foot pedal |
| 2. Waste collection bottle | 7. Vacuum reference gauge |
| 3. Vacuum control knob | 8. Power switch |
| 4. Patient tube set | 9. Occlusion button |
| 5. Foot pedal connection | 10. Suction port |

Pioneer Pro-Pump® Dual



- | | |
|-------------------------------|---------------------------------------|
| 1. Vacuum inlet tube | 7. High vacuum foot pedal |
| 2. Waste collection bottle | 8. Vacuum reference gauge |
| 3. Vacuum control knob | 9. Power switch |
| 4. Patient tube set | 10. Maximum occlusion indicator light |
| 5. Foot pedal connection | 11. Suction port |
| 6. Standard vacuum foot pedal | |

Pioneer Pro-Pump® Replacement Kit (single & dual pedal)



1. Patient tube inlet (straight fitting)
2. Patient tube set
3. Waste collection bottle
4. Vacuum inlet tube
5. Vacuum tube inlet (barbed fitting)

Technical Specifications

- **Classification:** Class I protection against electric shock
Type CF Degree of protection against electric shock

- **Operating Environment:** +41°F to +95°F (+5°C to +35°C), 10-100% relative humidity (noncondensing), 500 to 1060 hPa

- **Transport/Storage:** -40°F to 158°F (-40°C to +70°C), 10-100% relative humidity (noncondensing), 500 to 1060 hPa

- **Weight:** 6.35 lbs (2.88 kg)

- **Unit Dimensions with Casters:** DxWxH 6.5 in x 9 in x 5 in (16 cm x 23 cm x 13 cm)

- **Shipping Dimensions:** DxWxH 17 in x 15 in x 8.5 in (43 cm x 38 cm x 22 cm)

- **Power Input:** 115V: 115V~, 500VA~, (50/60 Hz) 14/15W
230V: 230V~, 500VA~, (50/60 Hz) 100W

- **Fuse Rating:** 250V, 5A, TYPE T

- **Vacuum Ranges** 0 to 500 mmHg

- **Vacuum Gauge Accuracy:** Lower Scale Reading is 3%
Middle Scale Reading is 2%
Upper Scale Reading is 3%

- **Electromagnet Emissions:** Conforms to the EMC requirements of the Medical Device Directive 93/42/EEC, CISPR Class A. Tested to EN55011 (2005) and CISPR11 (2004).

- **Electromagnet Immunity:** Conforms to the EMC requirements of the Medical Device Directive 93/42/EEC. Tested to IEC60601-1-2:2004, IEC61000-4-2:2001 ESD, IEC61000-4-3:2002 RF, IEC61000-4-4:2004 EFT, IEC61000-4-5:2001 Surge, IEC61000-4-6:2001 Conducted RF, IEC61000-4-8:2001 Magnetic Fields, IEC61000-4-11:2004 Voltage Dips, Interruptions and Variations, IEC61000-3-2:2006 Harmonic Distortion, IEC61000-3-3:2005 Voltage Fluctuations and Flicker.



PIONEER PRO-PUMP®

USER MANUAL

