The IRRAflow Control Unit allows users to customize patient treatment with intuitive software, which includes customizable safety features to provide control when managing ICP and CSF drainage.

**TECHNICAL SPECIFICATIONS**

- **Power Supply:** 100 – 240 VAC, 50 – 60 Hz
- **Dimensions:** 35 (H) x 14 (BW) x 19 (D) cm
- **Weight:** 3.5 kg
- **Operating time on battery at maximum irrigation rate with fully charged battery:** Minimum of 60 minutes
- **MR Safe:** No

**PROCEDURE SETTINGS**

User-adjustable ICP limits, which trigger the audible system alarms for ICP

<table>
<thead>
<tr>
<th>Mode</th>
<th>High ICP Settings</th>
<th>Irrigation Settings</th>
<th>Treat Above Settings</th>
<th>Low ICP Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>11 to 99 mmHg</td>
<td>3 mL/hr to 180 mL/hr</td>
<td>-99 to 99 mmHg</td>
<td>-99 to 10 mmHg</td>
</tr>
<tr>
<td></td>
<td>13 to 134 cmH2O</td>
<td></td>
<td>-134 to 134 cmH2O</td>
<td>-134 to 13 cmH2O</td>
</tr>
</tbody>
</table>

1. Measuring Scale
2. Intuitive Software
3. Hand Release Lever
4. Height Window Display
5. Drainage Collection Bag
6. Swing Arm
7. Laser Leveler

**CUSTOMER SERVICE**

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**IRRAflow DUAL–LUMEN CATHETER  ICGS 020**

The IRRAflow dual-lumen catheter is a dynamic product for advanced fluid management and was designed to help prevent catheter occlusions by utilizing an active fluid exchange approach.

**TECHNICAL SPECIFICATIONS**
- Cath. Material: Pellethane
- Antimicrobial: No
- Catheter tip: Radiopaque
- Catheter Size: 9F
- Dual-lumen: Yes
- Cath Length: 381 mm
- Drainage Holes: 12
- Proximal Drainage Hole: 1.76mm(2)
- Cath. Depth Marker: 15
- MR Safe: Yes*
- Drainage Cross Sectional Area: 3.3mm(2)

Volume to fill the catheter with fluid through the irrigation lumen: 0.8cc’s
Volume to fill the catheter with fluid through the drainage lumen: 2.5cc’s

*The IRRAflow catheter is made from materials that are non-conductive, non-metallic, and non ferro-magnetic and therefore, per ASTM F2503-20, is, by definition, MR Safe. For safety within the MR environment and the MRI system room, always follow the instructions for use procedure to ensure that only the catheter inserted within the patient enters the MR environment or the MRI system room.

**IRRAflow TUBE SET & INTELLIGENT DIGITAL CASSETTE  ICDS 020**

The IRRAflow Tube Set and Intelligent Digital Cassette enables communication between the IRRAflow control unit and catheter to provide automated irrigation, fluid drainage, and ICP monitoring.

**TECHNICAL SPECIFICATIONS**
- Cath. Material: Pellethane
- ICP Measurement: column of water & strain gauge
- ICP Measurement Accuracy Margin: +/- 1.8 mmHg
- Transducers: 2 included to ensure accuracy
  - 1st measures ambient pressure (calibration)
  - 2nd measures ICP (strain gauge transducer)
- MR Safe: No

**Safety Mechanism:** The IRRAflow Tube Set has built-in safety mechanisms to help control the fluid movement within the tubing. Once the Tube Set is connected to the IRRAflow Control Unit, a peristaltic roller pump and pinch value control the fluid movement by pinching off any fluid from the drainage line to measure ICP.