TRUCLEAR® System Setup
Quick Start Guide
Instrument Tray Layout

1. a. Hysteroscope 5.0  
   b. Calibration Insert 2.9  
   c. Sheath 5.6

2. a. Hysteroscope 8.0  
   b. Calibration Insert 4.0  
   c. Sheath 9.0  
   d. Obturator

3. TRUCLEAR® Handpiece

4. Accessories: Light cord adapters and seal cap
Instrument Set-up: Scrub

1. Attach seal to working channel.

2. 2a. For 5.0 scope: snap sheath on to scope
    2b. For 8.0 scope: insert obturator into sheath by aligning notches with the scope
    2c. For both scopes: attach light cord and camera

3. Connect inflow tube to hysteroscope.

4. Connect outflow tubings:
   - Blue tubing to patient drape
   - Yellow luer to sheath outflow
   - White tubing to handpiece barb
Canister Set-up: Circulator

1. Insert specimen collection trap.

2. Connect color coded tubing to corresponding canister (blue, yellow, white).

3. Connect bottom barb to vacuum source.

4. Set side barb suction lever to 45°.

5. Test suction regulator to achieve
   - 150 mmHg – Rotary Morcellator 4.0
   - 250 mmHg – ULTRA Reciprocating Morcellator 4.0
   - 300 mmHg – Incisor Plus Blade 2.9
Fluid Management Set-up and Calibration

1. Turn on pump console. Listen for 2 sets of 3 beeps, one from fluid management system and one from scale.

2. Remove blue protective cover from inflow tubing. Insert cartridge and snap into place. Hang fluid and spike fluid bags; open clamps.

3. Place calibration insert or morcellator into working channel and open inflow stopcock. To begin priming, hold the scope even with pump or working height of patient’s uterus.

4. Push start/stop button once and listen for a beep. Wait for 30 seconds. Second beep indicates that calibration is complete. Check that flashing green LED has become steady.

5. After second beep, close inflow stopcock.

6. Once fluid is suctioned out of the drape, press the reset button to ZERO out the deficit.
Window Lock

The window lock function causes the morcellator to allow suction only when the morcellator is actively cutting, which results in less fluid use.

1. Turn hand piece suction lever to OFF position. Press and hold window lock button on foot switch.

2. Inner sheath will turn. Align black line on inner sheath with black line on outer sheath.

3. Turn hand piece suction lever to ON position.

*Note: The TRUCLEAR™ ULTRA Reciprocating Morcellator 4.0 is pre-window locked.*
TRUCLEAR® System Components

Rotary Morcellator
(Soft Tissue)

OSCILLATE ON
Default Speed: <800> rpm
(up to 1500 rpm)
Recommended Speed: <800> rpm

ULTRA Reciprocating Morcellator
(Dense Tissue)

OSCILLATE OFF
Default Speed: 1100 rpm
(up to 2500 rpm)
Recommended Speed: 2500 rpm

Foot Switch
1. Oscillate Lock
   To change mode
   • Press OSCILLATE LOCK button once and
   • Press either pedal to verify setting
2. Window Lock
Adding/Removing Fluid: Bag Mode

1. To add or remove fluid bags, pause the scale function by pressing firmly on the gray bar.

2. System will automatically restart when it no longer senses vibration.

3. Leave empty bags hanging on system (weight is equal to 80 ml of fluid).

4. System will beep if the pause mode lasts longer than 30 seconds.
## Error Codes

<table>
<thead>
<tr>
<th>Issue</th>
<th>Solution</th>
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<tbody>
<tr>
<td>You’ve kept the machine in bag mode for longer than 30 seconds!</td>
<td><strong>STEP AWAY</strong></td>
</tr>
<tr>
<td>You've reached a 1500 cc deficit. Pump will alarm every 100 cc after that!</td>
<td>Scale will take a measurement as soon as you step away.</td>
</tr>
<tr>
<td>There is a 300 cc deficit or more in less than a minute!</td>
<td><strong>BE AWARE</strong></td>
</tr>
<tr>
<td></td>
<td>of facility protocol and AAGL loss limit standards (2500 cc for isotonic solutions).</td>
</tr>
<tr>
<td>Patient’s IUP has reached 200 mm Hg or higher for 5 seconds!</td>
<td><strong>STEP AWAY</strong></td>
</tr>
<tr>
<td></td>
<td>The pump will auto reduce pressure.</td>
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