**Product Knowledge Guide**

NXT Hg5 Series of Amalgam Separators

**Key Points**

1. **New compact design**
   - For hard-to-fit spaces
2. **Market leader in the industry**
   - ISO 11143:2008 certified
3. **Easy to operate**
   - No tools necessary
   - No daily maintenance
   - No decanting
4. **Easy collection container change out**
   - Simple to change either by dental professional or technician
5. **Functional with both wet and dry vacuum systems**
   - Install before pump on wet vacuum systems
   - Install before tank on dry vacuum systems
6. **Flexible installation**
   - Position for right or left orientation
7. **Extends life of vacuum system**
   - Wet Ring Pumps - By collecting solids and sediment, the NXT Hg5 saves on the purchase of pinnacle traps and reduces the wear caused by solids passing through the wet ring pumps
   - Dry Vacuums - Reduces sludge build up in the air-water separator tank of a dry vacuum system. Less time and money spent on maintenance and repair to the vacuum system
8. **No additional charge for recycling**
   - Easy mail-back service
9. **Certificates of recycling**
   - Available online 24/7

**Better for the environment**
- Removes approximately 4,400 lbs of mercury from waste streams every year while also saving approximately 130 billion gallons of water
- Eco-friendly packaging, 100% recyclable

**Extends the life of the vacuum system**
- Prevents particulates from passing though the wet vacuum pump, protecting the pump from unnecessary wear and tear and potential repair costs

**Easy mail-back recycling program**
- Shipping and recycling included in cost

**No contracts or hidden fees**

**Certificates of Compliance**
- Available on our website 24/7
Troubleshooting NXT Hg5 Systems

**Problem**
Solids reach full line of collection container

**Solution**
Replace the collection container
- Leave the vacuum running during the collection container replacement process

**Problem**
Solids above full line of collection container

**Solution**
Replace the collection container
- Inspect the top chamber for solids
- Leave the vacuum running during the collection container replacement process

**Problem**
Top chamber has some solids

**Solution**
System is backed up - could potentially damage vacuum
- Turn on vacuum
- Remove pins
- Tilt container toward manifold to allow air into top chamber
- Place container back on and insert pins
- Change collection container if full

**Problem**
Top chamber is filled with solids

**Solution**
System is in bypass
- Reduction in suction
- Solids released into waste stream and environment
- Top chamber must be replaced
- Full top chamber must be recycled
- New EPA regulation requires repair or replacement within 10 days of malfunction

**Problem**
Top chamber has some solids; container not full

**Solution**
Clogs in top chamber
- Check what type of line cleaner is being used. The pH must be between 6 & 8
- Turn on vacuum
- Remove pins
- Tilt container toward manifold to allow air into top chamber
- Place container back on and insert pins

**Problem**
Poor lighting in equipment room

**Solution**
Use flashlight to check collection container
- Using a flashlight from the backside of the system, shine light forward to help determine the level of sedimentation
- Use same procedure to inspect top chamber

Questions? Contact Customer Support at 1.800.216.5505 or at www.solmetex.com