

STERIS INNOWAVE UNITY



ABOUT

The **Steris InnoWave Unity Ultrasonic Irrigator** is a high-performance cleaning system designed for reusable surgical instruments, combining ultrasonic cavitation and Cannulated Pulse Enhancement (CPE) to remove contaminants from both external surfaces and internal lumens (up to 16 simultaneously). Its ergonomic design and advanced features ensure efficient, safe, and compliant instrument reprocessing in clinical environments.

FEATURES

- **Dual Cleaning Technology:** Ultrasonic cavitation (38–40 kHz) + CPE fluid recirculation for thorough debris removal.
- **High Capacity:**
InnoWave Unity 15: 11.3 kg (25 lb) load capacity.
InnoWave Unity 20: 15.9 kg (35 lb) load capacity.
- **Smart Touchscreen:** Intuitive interface with cycle monitoring, data export via USB, and operator PIN security.
- **Reflectasonic Technology:** Reduces tank pitting for extended equipment life.
- **Automated Cycles:** 3 pre-programmed + 3 customizable cycles (Degas, Wash, Re-wash, Rinse).
- **Chemical Efficiency:** Integrated flow meter detects low detergent levels (compatible with STERIS Prolystica® detergents)



SPECIFICATIONS



DIMENSIONS

Unit (Lid Closed):

- **Width:** 34.9 in (88.7 cm)
- **Height:** 41.3 in (104.8 cm)
- **Depth:** 25.8 in (65.5 cm)

Unit (Lid Open):

- **Width:** 34.9 in (88.7 cm)
- **Height:** 58.8 in (149.4 cm)
- **Depth:** 25.8 in (65.5 cm)

Unity 15 Basket Size:

- **Width:** 23.5 in (59.8 cm)
- **Height:** 13.4 in (34.1 cm)
- **Depth:** 4.1 in (10.4 cm)

Unity 20 Basket Size:

- **Width:** 24.0 in (61.0 cm)
- **Height:** 12.8 in (32.4 cm)
- **Depth:** 5.5 in (13.9 cm)

PERFORMANCE

Ultrasonic Frequency: 38–40 kHz (auto-tuning)

Ultrasonic Power: >48 Watts/US gallon

Max Load Weight:

- Unity 15: 12.0 kg (26.4 lb).
- Unity 20: 16.0 kg (35.2 lb).

UTILITIES

Electrical:

- 220–240V AC, 1P+N, 50/60 Hz, 4.0 kW, 20A.
- 208–230V AC, 3P+PE, 60 Hz, 3.0 kW, 20A.

Water Supply:

- Hot: 50–80°C (122–176°F), 2–5 bar (30–70 psi), 11–30 L/min.
- Cold: 5–30°C (41–86°F), 2–5 bar, 11–30 L/min.
- Drain: 19 mm (3/4 in) outlet, >30 L/min flow rate.

WEIGHT

Shipping Weight: 185 kg (408 lb)

Operating Weight: 180 kg (397 lb)