

ECOLAB HUSH SLUSH 2.0



ABOUT

The Ecolab Hush Slush 2.0 System is a specialized surgical solution management system. It cools irrigation fluids and creates surgical slush for localized tissue cooling during delicate procedures. This integrated system includes a Hush-Slush Machine, a Solution Warmer (ORS-2038EU), and the Auto-Stir™ (ORS-K24EU) technology. Together, they provide temperature-controlled surgical solutions on demand.

FEATURES

- **Auto-Stir™ Technology:** The Auto-Stir comes pre-installed. It moves the cooling solution around on its own.
- **Dual-Function Capability:** The system chills irrigation solutions down to -1°C to 0°C for slush. Then it also warms solutions up to 49°C when you need them warm.
Solution Warmer: The ORS-2038EU warmer keeps basin temperatures between 20°C and 43°C, plus or minus one degree.
- **Disc Drape:** This system works only with sterile, single-use Slush and Warmer Disc Drapes.
- **Fluid Volume Capacity:** The main unit holds anywhere from 1,000 mL up to 4,000 mL of irrigation solution.
- **Temperature Control:** Cooling gets down to -1°C to 0°C for slush. Warming goes from room temperature up to 49°C.
- **Electrical Compatibility:** Built for 220-240 VAC, 50/60 Hz power. The main unit draws 3 Amps. The warmer draws 0.75 Amps.



SPECIFICATIONS



DIMENSIONS

Hush-Slush Machine (ORS-1075EU)

- **Height:** 35.4 in (90 cm)
- **Width:** 17.7 in (45 cm)
- **Depth:** 17.7 in (45 cm)

Solution Warmer Basin (ORS-2038EU)

- **Height:** 3.9 in (10 cm)
- **Width:** 11.4 in (29 cm)
- **Depth:** 5.9 in (15 cm)

Solution Warmer Mass: 6 kg (13.2 lbs)

Hush-Slush Machine Mass: 50 kg (110 lbs) including working load

POWER

Hush-Slush Machine (ORS-1075EU)

- **Input:** 220-240 VAC, 50/60 Hz
- **Current:** 3.0 Amps
- **Fuse:** 250 VAC, 5 Amp, 5 x 20 mm Time Delay (F5.0AL)

Solution Warmer (ORS-2038EU)

- **Input:** 220-240 VAC, 50/60 Hz
- **Current:** 0.75 Amps
- **Fuse:** 2 x 250 VAC, 1.25 Amp, 5 x 20 mm Time Delay (F1.25AL)

Auto-Stir (ORS-K24EU)

- **Input:** 120 VAC, 50/60 Hz (integrated with Hush-Slush Machine)
- **Current:** 0.6 Amps
- **Fuse:** 250 VAC, 0.8 Amp, 5 x 20 mm Time Delay (F0.8AL)

TEMPERATURE RANGES & ACCURACY

Hush-Slush Cooling Range: -1°C to 0°C (approximately 28°F to 32°F)

Solution Warmer Normal Temperature Range: Ambient to 49°C (approx. 70°F to 120°F)

Warmer Basin Set Point Range: 20°C to 43°C ± 1°C

Control Resolution: Maintains set point within 1°C

FLUID CAPACITY

Hush-Slush Machine Fluid Volume: 1,000 mL (minimum) to 4,000 mL (maximum)

Solution Warmer Fluid Volume: 1,000 mL (minimum) to 3,000 mL (maximum)

Working Load Mass: Included in 50 kg total equipment mass

DISC DRAPE COMPATIBILITY

ORS-130: Slush Disc-Drape, 122 cm x 122 cm

ORS-320: Slush + Warmer Disc-Drape, 168 cm x 112 cm

ORS-321: Slush + Warmer Disc-Drape, 168 cm x 132 cm

ORS-325: Slush + Warmer Disc-Drape with Skirt, 168 cm x 112 cm x 91 cm

Material: Polyurethane sheet and disc, clear (ORS-325 adds white non-woven skirt with elastic band)

Sterilization: ETO (ethylene oxide)

Single-Use: Yes, sterile discs with integral drapes

SPECIFICATIONS



TECHNICAL PERFORMANCE PROPERTIES

Package Seal Integrity: PASS

Puncture Testing: PASS

Biocompatibility: PASS

Color: Clear (ORS-325 adds white non-woven skirt)

ACCESSORIES INCLUDED

Auto-Stir™ (ORS-K24EU): Pre-installed in Hush-Slush Machine

Wire Whisk, Stainless Steel (ORS-K12EU): Non-sterile whisk for manual use if needed

POWER CORD OPTIONS

SE-EU15: 4.6 meter (15 ft) EU power cord, 700 grams

SE-EU25: 7.6 meter (25 ft) EU power cord, 900 grams

SE-UK15: 4.6 meter (15 ft) UK power cord, 700 grams

SE-UK25: 7.6 meter (25 ft) UK power cord, 900 grams

Packaging Dimensions: 23 x 23 x 10 cm

ENVIRONMENTAL & SAFETY COMPLIANCE

Medical Equipment Class: Class I (per EN IEC 60601-1)

EMC Compliance: Evaluated for electric shock, fire, and mechanical hazards with ORS-2038EU and ORS-K24EU

Intended Use: Designed to cool surgical irrigation solutions and/or create surgical slush for cooling delicate tissues; Solution Warmer warms and maintains temperature of surgical solutions prior to use

Commodity Code: 8543709099

Country of Origin: US