



## ADVANCED WATERLESS PRIMO TECHNOLOGY VS. OBSOLETE WATER-JACKET DESIGN



## THERMAL CONDITIONING TANK

## PRIMO 50

A waterless thermal conditioning tank engineered for extreme-temperature process work. Digitally controlled Modified Direct™ heating delivers fast, even, repeatable heat without a water jacket. Built for continuous industrial service. Not hobby use.

- 2-3× Faster Melting
- Waterless · No Water Jacket
- Stainless Steel Lid Included
- Up to 50% Lower Energy Cost
- Built for Continuous Production

[Base platform PRIMO 350 →](#) · [Category page →](#)

304 SS INTERIOR · 1" DRAIN VALVE

| CAPACITY                                   | TEMP RANGE                   | POWER          | INTERIOR      | SPRING 2026 BASE PRICE |
|--------------------------------------------|------------------------------|----------------|---------------|------------------------|
| <b>49 gal / 367 lb</b><br>(185 L / 166 kg) | <b>32–400°F</b><br>(0–204°C) | <b>2,180 W</b> | <b>304 SS</b> | <b>\$4,220</b>         |

Extreme-temperature configuration · Standard PRIMO limit 212°F / 100°C

## TECHNICAL SPECIFICATIONS

## PERFORMANCE &amp; CAPACITY

|                       |                                  |
|-----------------------|----------------------------------|
| Working Capacity      | 49 gal (185 L) / 367 lb (166 kg) |
| Operating Temperature | 32–400°F (0–204°C)               |
| Standard Limit        | 212°F / 100°C (non-X)            |
| Heat-Up Rate          | 2–3× vs. water-jacket            |
| Energy Use            | Up to 50% lower                  |

## CONSTRUCTION &amp; MATERIALS

|                    |                          |
|--------------------|--------------------------|
| Inner Tank         | 304 stainless, #4 finish |
| Outer Shell        | Impact-resistant steel   |
| Insulation         | Energy Star qualified    |
| Interior           | Rounded, easy-clean      |
| Material Integrity | US steel, Hg/Pb/rad-free |

## HEATING &amp; CONTROLS

|                    |                                      |
|--------------------|--------------------------------------|
| Heating Type       | PRIMO Waterless Heating System       |
| Heating Power      | 2,180 W                              |
| Electrical Service | 110–120 V, 220–240 V, 480 V or 600 V |
| Controller         | Digital material-temperature         |

## DISPENSING &amp; SAFETY

|              |                         |
|--------------|-------------------------|
| Drain Valve  | Standard 1" 304 SS      |
| Ball Valve   | 1" brass or 304 SS      |
| Dispensing   | Heated spout, clog-free |
| Power Switch | Illuminated, resettable |
| Protection   | Reset breaker / fuses   |

## DIMENSIONS



| INNER DIMENSIONS |       |
|------------------|-------|
| Inside Diameter  | 22.0" |
| Inside Depth     | 30.0" |

| OUTER DIMENSIONS |               |
|------------------|---------------|
| Length × Width   | 24.0" × 24.0" |
| Height           | 32.0"         |

## ENGINEERED ADVANTAGES



## WATERLESS HEATING

No water jacket to maintain, refill, or replace. Less downtime and no corrosion.

## EVEN HEAT DISTRIBUTION

Controlled, uniform heating delivers consistent, repeatable production batches.

## DIGITAL TEMP CONTROL

Digital material-temperature control holds target temperature for repeatable processing.

## RUGGED INSULATED BUILD

304 stainless tank inside an impact-resistant insulated shell, built for long industrial service life.

## APPLICATIONS

- Thermal Process
- Chemical
- Specialty Manufacturing
- Coatings
- Adhesives
- Industrial Materials

## OPTIONS &amp; ACCESSORIES

|                                 |            |
|---------------------------------|------------|
| Smooth-weld food-grade interior | +\$1,600   |
| Hinged lid + agitator/mixer     | +\$1,875   |
| 24" SS welded stand             | +\$725     |
| SNAP melting-tank wax filter    | +\$69.95   |
| Custom configurations & sizing  | on request |

Spring 2026 pricing, subject to change.  
Current pricing at [WaxMelters.com](#)

## WHAT'S INCLUDED

- 304 stainless double-walled insulated tank
- Stainless steel lid
- Standard 1" 304 SS drain valve + 1" brass or SS ball valve
- Factory-set digital temperature controller
- Professionally palletized for safe transit