ADVANCED WATERLESS PRIMO TECHNOLOGY VS. OBSOLETE WATER-JACKET DESIGN

304 SS INTERIOR · 1" DRAIN VALVE

RAPID-CYCLE INDUSTRIAL MELTER

PRIMO 500

A high-throughput, extreme-temperature waterless melter engineered for rapid recovery and continuous industrial production. Digitally controlled Modified Direct™ heating delivers fast, even, repeatable heat for demanding process lines. Not hobby use.

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

Base platform PRIMO 500 → · Category page →

CAPACITY	TEMP RANGE	POWER	INTERIOR	SPRING 2026 BASE PRICE
532 lb / 76 gal (241 kg / 287 L)	32–400°F (0–204°C)	3,130 W	304 SS	$5,850

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

TECHNICAL SPECIFICATIONS

PERFORMANCE & CAPACITY

Working Capacity	532 lb (241 kg) / 76 gal (287 L)
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

HEATING & CONTROLS

Heating Type	PRIMO Waterless Heating System
Heating Power	3,130 W
Electrical Service	110–120 V, 220–240 V, 480 V or 600 V
Controller	Digital material-temperature

CONSTRUCTION & 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

DISPENSING & 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	30.0"
Inside Depth	25.0"

OUTER DIMENSIONS	
Length × Width	32.0" × 32.0"
Height	27.0"

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

- Aerospace
- Chemical
- Coatings
- Adhesives & Hot Melt
- High-Temp Process
- Industrial Materials

OPTIONS & 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