TMP45 Wireless Smart Food Thermometer
With a stainless steel probe and bluetooth connectivity

Key Features

Dual Temperature Sensors
Internal (14°F–212°F) and Ambient (14°F–572°F)

Food-Grade Stainless Steel Probe
5" Food Grade 304 Stainless Steel Probe, with high-density zirconia ceramic handle

Bluetooth Connectivity
(2.4 GHz) for wireless temperature monitoring

Booster Base
With VA (Vertical Alignment) display, speaker alarm, magnetic base, and Type-C charging, the base wirelessly displays readings from the probe.

Energy Saving Mode
Display dims after 5 minutes of inactivity

IP67
Waterproof Probe and IPX2 splash-resistant Booster

Fast Charging
30 min (probe), 1 hour (booster)

Power
Up to 48 Hours Battery Life on a full charge

Temprobe Mobile App
iOS/Android app with presets, cooking trends, and history

Includes
Booster (housing with magnets), Food Grade Probe, Rechargeable 3.7V, 550mAh battery, and a Charging Cable

Applications

- Monitoring internal meat temperature during grilling, smoking, or roasting

- Real-time tracking of ambient cooking temperature (oven, smoker, grill)

- Setting and achieving cooking presets for various meat types

- Safe, wireless cooking with alerts for over-temperature and doneness

Users

- Home chefs and BBQ enthusiasts
- Professional cooks and grillmasters
- Culinary schools and kitchen educators
- Restaurants and food service professionals

1 YEAR LIMITED PRODUCT WARRANTY • IP67 • RoHS COMPLIANT • CE

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The TMP45 with bluetooth connectivity provides real-time temperature monitoring while grilling, smoking, or roasting through the **Temprobe Mobile App**. The dual temperature sensors measure both internal temperature and ambient temperature.

Specifications

	Probe	Booster
Temperature Range	Internal: 14°F–212°F (-10°C–100°C) Ambient: 14°F–572°F (-10°C–300°C)	N/A
Accuracy	Internal: ±1.8°F (±1°C); Ambient: ±5.4°F (±3°C)	N/A
Display	—	0.79" × 0.79" VA LCD
Battery	3.7V, 550mAh, 48h life, 30-min charging	3.7V, 550mAh, 48h life, 1h charging
Water Resistance	IP67 (fully submersible)	IPX2 (splash resistant)
Bluetooth Output	+8 dBm (2.4 GHz only)	Yes
Materials	Food-grade 304 Stainless Steel, Ceramic handle	Plastic housing with magnets
Certifications	FCC, RF Exposure Compliant	FCC
Dimensions	5.02" (L) × 0.23"(Dia) (128 x 5.8mm)	7.09 × 1.75 × 0.75" (180 x 45 x 19mm)
Weight	0.02oz (0.57g)	0.08oz (2.3g)

Ordering Information:

TMP45 Wireless Smart Food Thermometer

What's in the Box?
- Booster (housing with magnets)
- Food Grade Probe
- Rechargeable 3.7V, 550mAh Battery
- Charging Cable