

Understanding Calibration Choices — Why Exergen Leads in Accuracy

Exergen TemporalScanner: Choose the Calibration That Supports Your Clinical Protocols

The only infrared thermometer clinically proven equivalent to core temperature — and customizable for your hospital workflow.

Why Calibration Matters

Exergen offers two clinically validated calibration options for the TemporalScanner®:

1. Standard (Arterial/Core) Calibration

- Provides a **true core temperature**, consistent with pulmonary artery and esophageal measurements
- Reads **0.8°F (0.4°C) higher** than oral temperatures
- Ideal for facilities prioritizing **clinical accuracy over legacy habits**
- Selected by **most major hospitals nationwide**

2. Oral-Equivalent Calibration

- Displays temperature in alignment with historical **oral values (approx. 98.6°F)**
- Automatically accounts for the cooling that occurs at the mouth
- Allows hospitals to **maintain existing oral-based protocols**
- No workflow changes required

Exergen's Clinical Advantage

- ✓ Only non-invasive thermometer proven comparable to PA, esophageal & rectal core temps
- ✓ More than **100 peer-reviewed studies** validating performance
- ✓ Accurate even with patient movement, ambient temperature fluctuations, or oral cooling
- ✓ Trusted by leading ED, PICU, NICU, and Oncology units

Which Calibration Should You Choose?

If your protocol is based on...	Recommended Calibration	Notes
Pulmonary artery	Standard	No change in workflow
Esophageal	Standard	Core-to-core equivalence
Rectal	Standard	Matches core physiology
Oral	Oral-Equivalent	No threshold adjustments needed

Easy Calibration Selection

- **Standard Model (Arterial/Core)** — PN 124275
- **Oral-Equivalent Model** — PN 124375