OvenBALANCER™ is the easier way to balance tunnel and rotating rack ovens without the need to insert and strain-relive thermocouples. Utilizing patented ECD technology, OvenBALANCER™ spreads three magnetically-attached temperature and Convection Sensor Panels to a breadth of 14 feet/4.2 M for the utmost in ovens compatibility without bulk. Oven profile data helps locate imbalances to burners, baffles, fans and coloradors with Statistical Process Control. Requires a 6-channel SuperM.O.L.E.® Gold 2.
## SPECIFICATIONS

### DIMENSIONS (SENSOR PANEL WITH MAGNET):

- **Length**: 63.75mm (2.51")
- **Width**: 171.45mm (6.75")
- **Height**: 48.26mm (1.9")
- **Weight**: 0.408kg (0.3 lb.)
- **Max. Operational Temperature**: 260°C (500°F)
- **Sensors**: 3 pairs of 2 (Process & Ambient) K-Type 30-gage wire
- **Lead Wires**: 30-gage, 914mm (36in) long, SS0B Jacket
- **Special Limits of Error**: Less than ± 1.1° C (Per ANSI MC 96.1)

### KIT INCLUDES (E56-6862-00):

- 3 Dual-Sensor Magnetically-Attached Panels
- 3 Winder Reels with 7ft/2.1M SS0B Cables installed
- M.O.L.E.® MAP Software
- Quick reference guide
- Carrying Case

### PROCESS SENSOR

![Process Sensor Image](image)

**Ambient Sensor**: Exposed Thermocouples have fast response to product-level Oven Air Temperatures. Detects burner imbalances and incorrect oven zone settings.

**Process Sensors**: Mass pucks measure the effect of convection to drive heat evenly into baked goods. SPC on Zone Slopes verify lateral convection controls balance. Detects incorrect Fan, Baffle, Damper and Colorador settings.

### WARRANTY

- **1-year parts and labor**

### PATENT

- **US Patent No. 6375351, 6520675, 6062728**

### KIT INCLUDES (E56-6862-00):**

- 3 Dual-Sensor Magnetically-Attached Panels
- 3 Winder Reels with 7ft/2.1M SS0B Cables installed
- M.O.L.E.® MAP Software
- Quick reference guide
- Carrying Case

### ECD WORLD HEADQUARTERS

- **North America - US, Canada**
  - Address: 4287-B SE International Way, Milwaukie, Oregon 97222 U.S.A.
  - Tel: +1 800 323 4548
  - E-Mail: sales@ecd.com
  - Web: www.ecd.com

- **APAC**
  - Address: Singapore Office
  - Mobile: +65 9692 6822
  - E-Mail: ecd.asia@ecd.com

- **EMEA**
  - Address: UK Office
  - Mobile: +44 (0) 7903 252560
  - E-Mail: ecd.europe@ecd.com

- **LATAM**
  - Address: Houston, TX U.S.A. Office
  - Mobile: +1 503 659 6100 x 250
  - E-Mail: ecd.latam@ecd.com

### Accredited Lab

- **ISO 17025**

### Member of

- **AIB International**

### Awards

- **AIB International 2015-2017 Corporate Member**

### Social Networks

- [Facebook](https://www.facebook.com)
- [Twitter](https://twitter.com)
- [LinkedIn](https://www.linkedin.com)
- [YouTube](https://www.youtube.com)

---

**DSD56-6862-00**

2022/09