1·2·3 Go! Stronger, Simpler, Safer!

The new Raynger® 3i Plus handheld infrared thermometer for hot environments
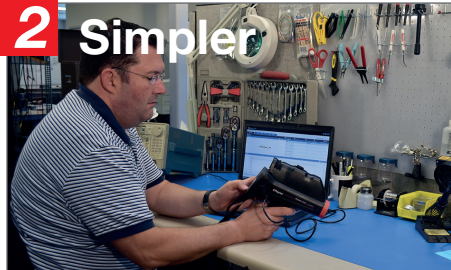
1 Stronger

Need a rugged, durable infrared thermometer?

- Rugged design reduces risk of damage and minimizes service costs – withstands 1 m drop
- More data sampling, ensuring faster processing time
- Longer operational cycle (24 h) - Rechargeable batteries
- Flexible for wide range of applications/ temperatures
- Highly accurate temperature measurement

2 Simpler

Need an easy-to-use instrument?

- Intuitive user interface for easy parameter set-up, enabling 'on-site' display of data analysis and trending
- Dual laser for fast and simple data capture and saving
- Fast and easy data transfer to PC or smartphone, using USB or Bluetooth®
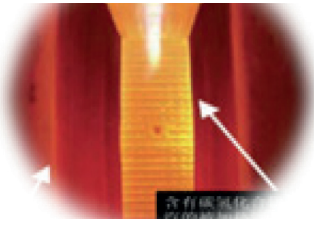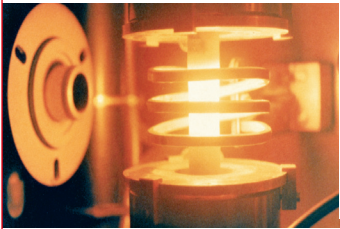
3 Safer

Want a safer work environment?

- High optical resolution ensures accurate temperature readings at longer distances
- 'Red Nose' heat-resistant warning -detector and alarm ensures operator safety and efficiency
- Dual laser and scope sighting, even against 'red hot' backgrounds (patent pending)

More value for you ...

- **Improved product quality**
- **Reduced reject rates**
- **Reduced energy cost**
- **Better traceability of production processes**
- **Higher operator efficiency and safety**

Raynger® 3i Plus - Value for your Application...

Applications:	How can the 3i Plus add value to your process?	Winning Features:
Metals Chamber, Coke Plant, Ladle, Tapping Hole, Torpedo Car, Tuyeres Casting, Forging, Heat treatment, Rolling, Welding	■ Measures the process temperature to maintain product quality ■ Verifies the accuracy of fixed sensors	■ D:S allows long distance measurement ■ 1 m drop protection for prolonged life ■ Profile function: customers can easily record and retrieve data history
Petrochemical Furnace tube	■ Detects the furnace tube temperature, preventing the risk of shutdown, caused by a broken tube	■ D:S allows long distance measurement ■ Large data memory, supports up to 4900 data points ■ 1 m drop protection for prolonged life ■ High accuracy: ±(0.5% of reading + 1ºC) ■ Exposure time <40 ms ■ Trending function ■ Background/Transmissivity compensation
Power Plant Boiler	■ Detects the internal temperature of the boiler, preventing boiler coking	■ D:S allows long distance measurement ■ Alarm function ■ 1 m drop protection for prolonged life ■ High accuracy: ±(0.5% of reading + 1ºC) ■ Background/Transmissivity compensation