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Aluminum

**Detect the invisible.
Total control.
Absolute quality.**

Aluminum production requires precise thermal control at every stage. Even the slightest temperature variation can lead to structural defects and material loss, impacting competitiveness and profitability.

APPLICATIONS

HIGH PRESSURE (HPDC)

- Continuous mold temperature inspection
- Liquid metal temperature inspection
- Temperature control at the part outlet

GRAVITY CASTING

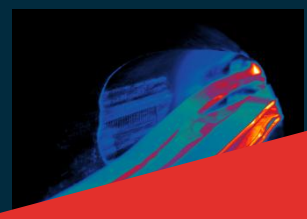
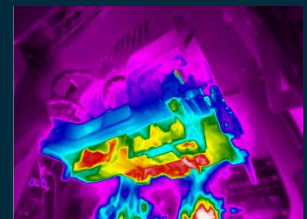
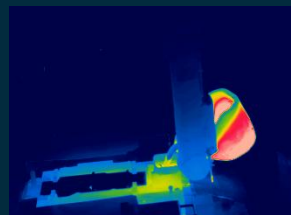
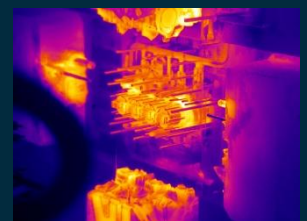
- Validation upon filling
- Continuous mold monitoring
- Thermal assistance for coring

LOW PRESSURE (HPDC)

- Assistance with mold preheating
- Continuous mold temperature inspection
- Core molding supervision

EXTRUSION

- Continuous temperature monitoring of castings
- Billet temperature verification
- Quench rate inspection



Official distributor
and integrator





Aluminum

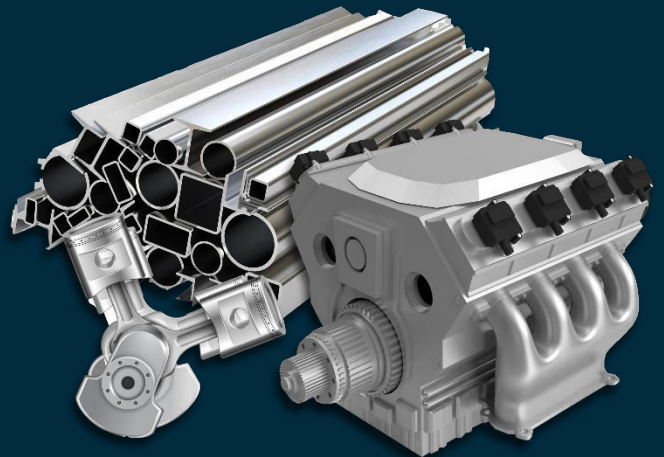


Thermography Experts

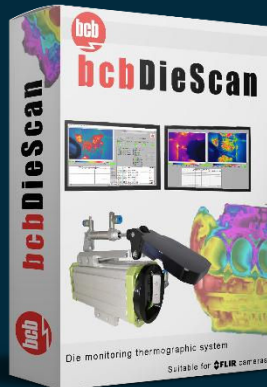
Over 25 years of experience developing intelligent thermographic solutions, 100% tailored to your production line, designed to guarantee safety, quality, and complete control in highly demanding industrial environments.

BENEFITS

- Controls key temperatures
- Prevents defects
- Significantly reduces scrap
- Easy integration into automated processes
- Improves final quality and process profitability



OUR SOLUTIONS FOR THIS SECTOR:



bcB DieScan

Temperature control in diecasting processes



Request a free demo and evaluate the real impact on your production plant



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