



bcbThermoCobot®

Powered by **bcb**Monitor 4.0®

In-line thermography asisted by colaborative robotics

As is well know, the Industrial Automation increases process speed, as the same its productivity and efficiency. Is a fourth revolution medular component, who was trusted by an 84% of the global leader companies as a new income generator. From that percentage, a 73% doesn't have a clear idea of how to implement it on his factories and a 7% assures had got it.

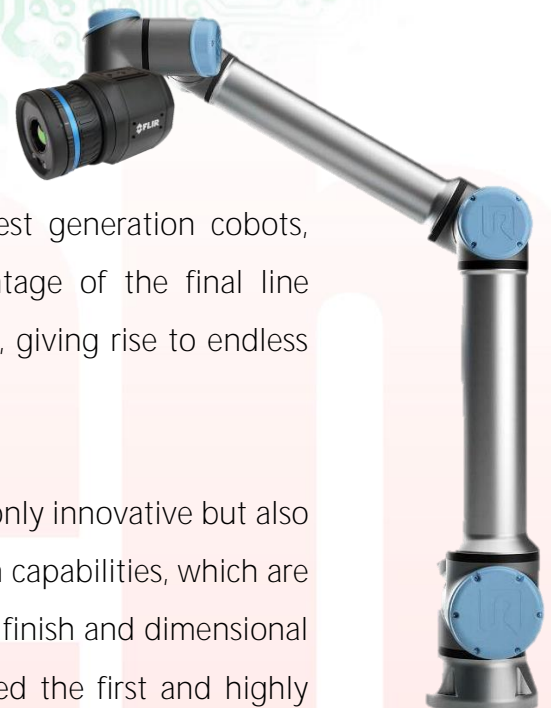
Which tech strategies allows us to work as Industry 4.0?

Robotics represents a terrific contribution for factory's productivity and quality, achieving to perform with speed and efficiency tasks that before required many operators who now does better in other labors. The colaborative robots are a clear example of it, achieving also safe and efficient environments with the staff.

THE THERMOGRAPHIC PLUS AND ITS ADAPTATION

Universal Robots dominates the robotics market with its latest generation cobots, perfect for the integration of vision systems. A large percentage of the final line inspections have been designated for systems assisted by them, giving rise to endless possible solutions.

Its integration with the thermography developed by FLIR is not only innovative but also powerful and provides unique product validation and verification capabilities, which are not only limited to temperature measurement but also integrity, finish and dimensional control. **bcb** understands this and for this reason has developed the first and highly complete system of this type: **bcb**Thermocobot.



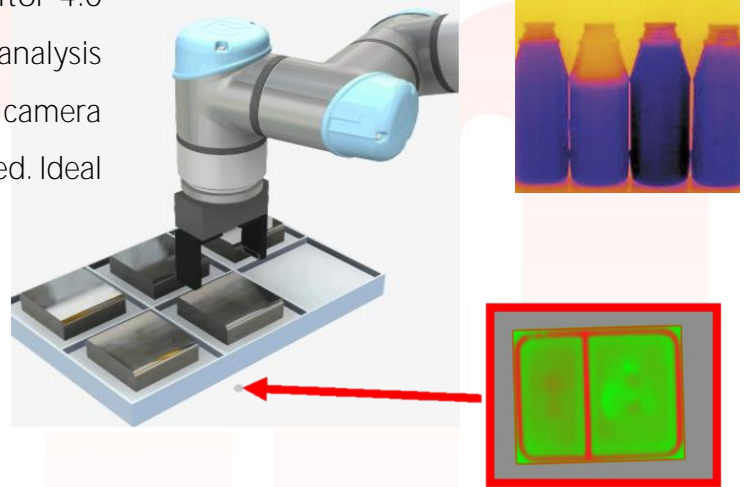
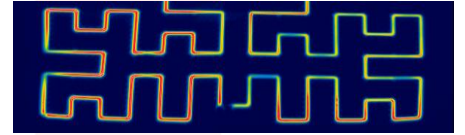
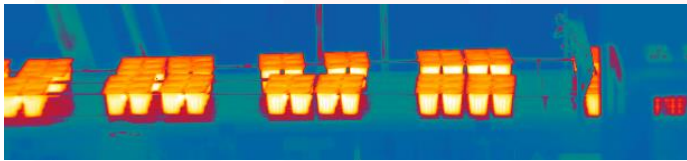
Official dealer & integrator



TELEDYNE FLIR
Everywhereyoulook

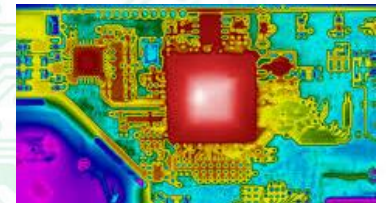
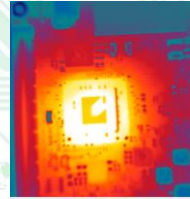
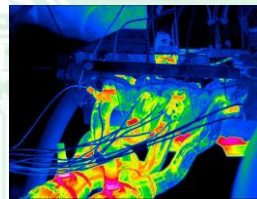
PRODUCT INTEGRITY

Open tracks, complete sealing bead, filling levels ... they are only visible by thermography. It allows the **bcbMonitor 4.0** to assist you or to perform the thermal radiation analysis itself, which thanks to the movement of the camera achieved by the robot, will leave no surface unchecked. Ideal for pick & place applications.



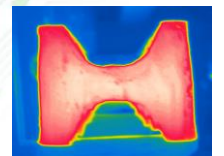
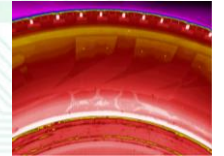
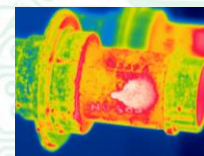
TEMPERATURE COMPROBATION

At a point, face or full volume. Accuracy of 0.05 ° C in every tenth of a millimeter. Automated inspection and focus routines.



FINISHES AND DIMENSIONAL CONTROL

The most complete inspection for the high added value of your products. Perfect surfaces and edges in the right shapes and sizes. Unlimitless quality!



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