



VISION SYSTEMS & ROBOT BIN PICKING EXPERT



EDB | Eggs Blood Detector

IN-LINE QUALITY CONTROL

Egg candling by human eyes in the process of egg distribution have low reliability and also need a lot of time and effort.

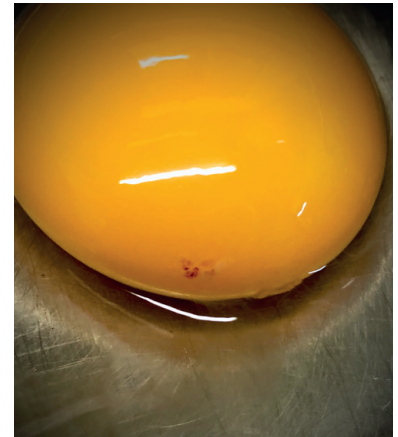
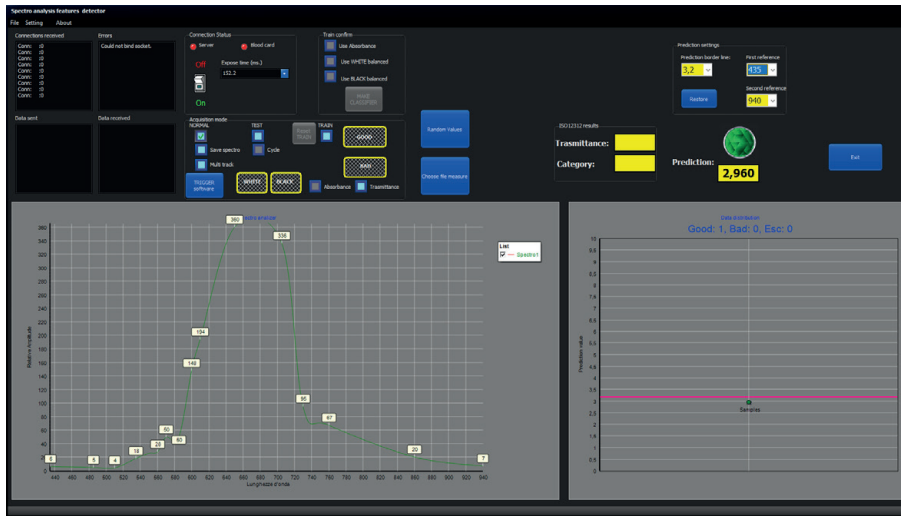
EBD can solve this problem at once. EPPOS has developed an high technology sensor with top performance for the purpose of fully automated candling.

With patented technology and algorithms we are able to analyze the transmitted light finding internal blood spots directly on the line.




MADE IN ITALY

EDB | Eggs Blood Detector



DEDICATED SOFTWARE

The EDB software, with customizable thresholds, is able to:

- analyze the correct wavelength of emoglobine;
- show the transmitted spectrum;
- alarm the operator by self-checking function when the rate of detected abnormal eggs is excessive;
- give statistics of rejected eggs.



INTEGRABLE SYSTEM

The EDB system can be integrated easily on egg graders and egg packing machines directly on roller conveyor. For this reason EBD is the ideal choice for small and medium size machines:

- modular, from 1 to 12 sensors according to the roller conveyor lines;
- economic, it can be used as stand alone sensor;
- reliable, it is internationally patented for hardware and software.

EDB can increase your quality and make your products suitable for the large retail chains or high level customers respecting national standards and food regulations.