

**PHOENIX**

*Ricerca e Tecnologie Ottiche - ITALY*

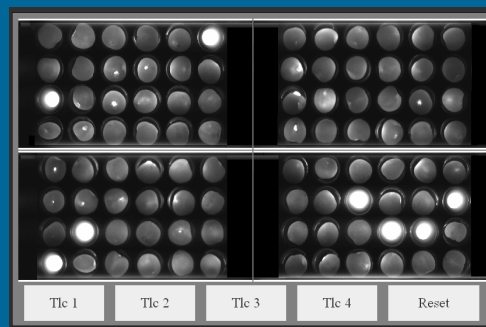
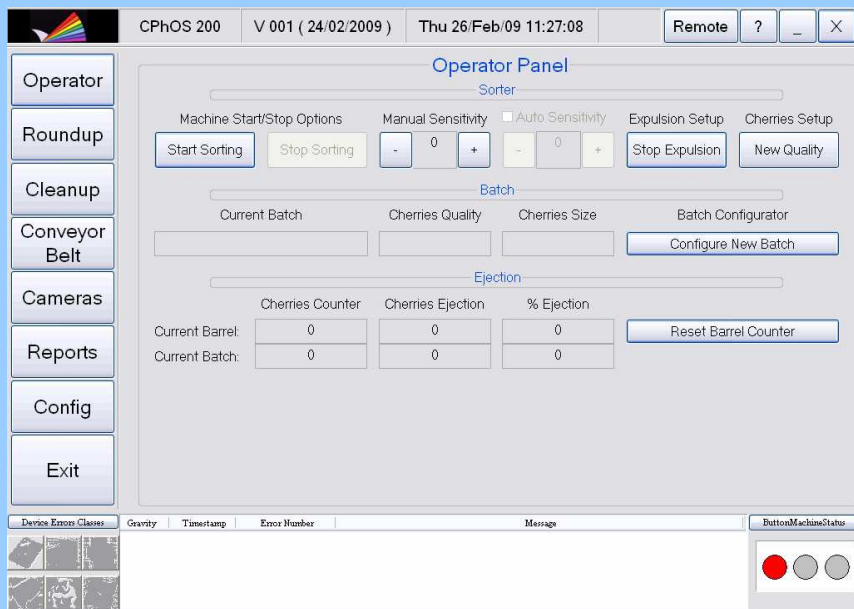
## **C-PhOS 200/350**

### **Cherries Phoenix Optical Sorter**

**VISION SYSTEM FOR DETECTING RESIDUAL PITS  
IN PITTED CHERRIES (SO<sub>2</sub> alcohol fresh frozen)**



- Remarkable sorting efficiency, low good product loss and high production capacity, leaving intact the product.
- No handling of cherries before their introduction in the entry hopper.
- Sorting of any size of cherries, not mixed together, included among 14 and 24 mm.
- Cherries singularization.
- Automatic plates rotation for cherries size changing.
- Air-jet system for a high ejection efficiency.
- Simple, intuitive and friendly user interface.
- Automatic calibration without need for operator adjustment.
- Selection sensibility changeable according to specific needs.
- High standards of reliability and only occasional actions required to the operator.



## TECHNICAL DETAILS

<b>SORTING EFFICIENCY</b> (calibrated cherries) in SO <sub>2</sub> , in alcohol fresh, frozen	> 90% of internal pits > 85% of internal pits
<b>FALSE REJECTION</b> (calibrated cherries)	< 5% of processed product
<b>PRODUCTION CAPACITY</b>	2 / 3.5 ton/h

<b>Width</b>	1600 / 2100 mm
<b>Depth</b>	2300 mm
<b>Height</b>	1800 mm
<b>Electric supply</b> <b>Power consumption</b>	220V (±10%), 50/60Hz 2 kW
<b>Connectivity</b>	Ethernet and USB

<b>Operating temperature</b>	0 – 37 °C
<b>Storage temperature</b>	-10 – +60 °C
<b>Operating humidity range</b>	10 – 90 %RH (non-condensing)
<b>Ejection air requirements</b>	6 bar (quality air: filtered 25 µm, oil/water/dust free)
<b>Cooling system air requirement</b>	10 bar

PHOENIX reserves the right to make changes in order to improve design, performance or reliability without further notice

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