

Avacon Process Control AVPC



*Closed-loop regulation of glass distribution in
Press & Blow production*

General Features

- ✓ *Real-time plunger penetration monitoring*
- ✓ *Press duration monitoring by cavity*
Gradient analysis and process stability verification
- ✓ *Closed-loop automatic regulation*
Individual cavity control
Recipe management by container model
- ✓ *Historical trends and diagnostics*
Alarm and event management
- ✓ *Automatic tube and needle adjustment*
- ✓ *Integration with existing IS machine control strategies*

Stable wall thickness starts with stable plunger penetration

AVPC continuously monitors plunger penetration, press duration and process stability cavity by cavity. Using closed-loop regulation, the system automatically corrects deviations before they affect glass distribution, container quality or gob weight consistency.



Avacon Process Control AVPC

*Automatic correction before
quality drifts appear*

Penetration control cavity by cavity

The system continuously supervises plunger end position on every cycle, comparing actual values against configurable limits and detecting deviations before they become production defects.

Real-time visibility of press mechanism behaviour

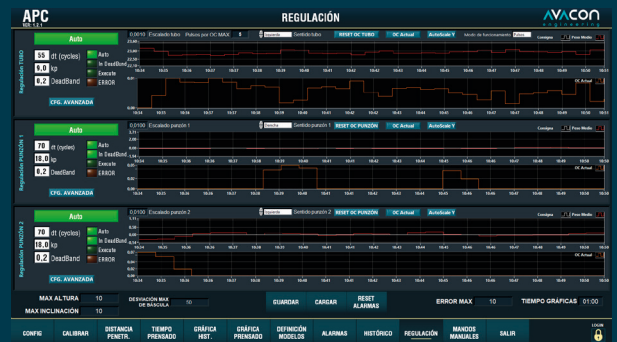
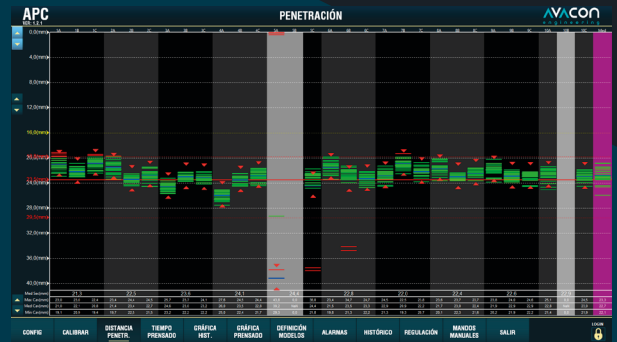
Press duration, penetration history and gradient monitoring provide a complete view of mechanism performance, helping operators identify instability, mechanical wear or process deviations.

Process regulation without machine intervention

AVPC automatically adjusts tube height and needle positions through a closed-loop strategy, maintaining process stability without interrupting production.

From process data to root-cause analysis

Historical trends, press graphs and alarm logs allow production and quality teams to diagnose process events, understand machine behaviour and make informed decisions based on traceable production data.



Control Cabinet.

1508 mm
OVERALL HEIGHT

513 mm
DEPTH

612 mm
WIDTH

600 × 484 mm
BASE FOOTPRINT