

Technical data sheet

Visible Particle Inspection System with Manual Loading

PT-C10 combines manual single-container loading with rotation, rapid stopping and optical image analysis for visible-particle inspection. It handles ampoules and vials with matching holders and stores inspection images and reports.

Key features

- Dual supplementary lighting and image capture up to 125 frames/s
- Five access levels, audit records and report export
- Calibration using specified reference particles

Technical Information

Image resolution	1920 × 1200
Ampoule capacity	1-20 mL
Vial capacity	1-30 mL
Inspection rate	2-3 containers/min
Operating temperature	10-45 °C
Relative humidity	≤65%

Standard Configuration

Manual-loading inspection instrument with imaging and report functions. The documented software interface is Chinese; confirm language availability and required computer configuration before ordering.

The listed reference-particle detection threshold is above 30 μm ; this is not a guarantee for every particle material, formulation or container. Reference standards are described as 40 μm and 60 μm particles in a 10 mL format. Confirm their specification and inclusion before ordering.

After the container rotates and stops rapidly, suspended material is imaged and analyzed. Images are displayed during inspection; sample-specific databases support later retrieval, and historical results can be saved as reports for printing. Data and reports support export and backup. Confirm computer, software, storage and printing configuration.

Optional Accessories

Alternative mounting holders are available for different container formats. Confirm each holder against the actual vial or ampoule geometry.

Applications

Optical inspection of visible foreign particles in injectable solutions. Validate detection performance for the actual product, container, particle type and reference standard.

Selection / Ordering Information

Confirm sample format, required method, accessories, power supply and destination-specific configuration in the quotation. Published operating functions do not establish certification or regulatory compliance.

Review the configuration with PRECETTA before ordering.