Particle Inspection Cabinets

60 / 120 / 150 cm • PRO SERIES



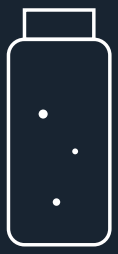
A defined viewing area.
More consistent visual assessment.

304 stainless steel • Black-and-white backgrounds • Touchscreen control

Two backgrounds. Complementary contrast.

Light and dark particles do not have the same visibility against a single background. Examining a sample against both backgrounds provides complementary contrast for visual assessment.

Black background



Dark background for light particles

White background



Light background for dark particles

Schematic illustration; particle size and visibility are not to scale.

Sample and container

Transparency, liquid colour and container geometry affect visibility. Select a method appropriate to the sample.

Lighting and position

Define lighting conditions, viewing distance and position in the laboratory procedure.

Observer and records

Training, visual capability and consistent records form part of the inspection process.

Assessment relies on the operator's visual observation. The cabinet is not presented as an automatic particle-counting system.

A repeatable inspection workflow

Use the cabinet within the laboratory's defined sample inspection procedure. Maintain the same viewing conditions for each sample.

01

Prepare

Check sample identity. Prepare the backgrounds, work surface and outside of the sample container for inspection.

02

Inspect against both backgrounds

Prepare the sample according to the product procedure. Assess against white and black backgrounds using the defined position and duration.

03

Record the decision

Record sample identity, observer, date, inspection conditions and the observation in the laboratory record system.

Sample and application examples



Liquid samples in suitable transparent vials, ampoules or bottles; pharmaceutical quality control, research and method training.

Illustrative application scene.

Three sizes. One PRO family.

Choose according to container size, space for a reference sample and the available laboratory bench area.



PW-PIC-60



PW-PIC-120



PW-PIC-150

Model / nominal class	External dimensions W × D × H (mm)	Viewing area W × D × H (mm)
PW-PIC-60 60 cm PRO	712 × 452 × 527	624 × 434.5 × 378
PW-PIC-120 120 cm PRO	1322 × 602 × 695	1234 × 584.5 × 545
PW-PIC-150 150 cm PRO	1621 × 602 × 695	1533 × 584.5 × 545

60 / 120 / 150 cm are nominal model classes. Actual external widths are listed in the technical table.

Common construction across the range

304 stainless steel construction, black-and-white backgrounds and PRO touchscreen control. Product codes remain identical in Turkish and English documents.

Construction and method references

Feature	Description
Series	PW-PIC PRO
Models	PW-PIC-60 / PW-PIC-120 / PW-PIC-150
Construction	304 stainless steel
Background	Matte black and matte white sections
Installation	Benchtop cabinet
Operation	Operator visual inspection
Control	Touchscreen panel

Related method references

USP <790> - Visible Particulates in Injections
USP <1790> - Visual Inspection of Injections
Ph. Eur. 2.9.20 - Particulate contamination: visible particles

Select the method according to the product, container and laboratory procedure. Listing these references does not declare independent certification.

Care and inspection consistency

Keep backgrounds clean and matte. Monitor stains, scratches and changes in reflections. Check lighting conditions and viewing position against the laboratory procedure; link records to sample identity.

Choose the viewing area for your samples.

PW-PIC-60 • PW-PIC-120 • PW-PIC-150
PRO Particle Inspection Cabinets

Precision at Every Stage. Confidence in Every Test.



PROWHITE Teknoloji A.Ş.

prowhite.com.tr

info@prowhite.com.tr

+90 212 671 05 03

WhatsApp for product information

Gökevler Mah. Adnan Kahveci Bulvarı, 563. Sokak No: 9-A
Esenyurt / İstanbul, Türkiye