



## PRODUCT DESCRIPTION

Testronix's Profile Projector is the most reliable and durable measuring machine used across the PET & Preform industries, quality control departments, machine shops, and industrial testing labs. This versatile equipment measures the dimensions and weight of PET bottles and performs with great accuracy. It is a cost-effective digital linear and angular measurement device with a built-in DRO for data capture.

In the PET & Preform industry, the Profile Projector is mainly used to detect the edges or points of the shadow of PET bottles, so that the operators can measure the length and size of the bottle or preform from a specific reference point. When the image is magnified, the operators can easily find where the shadow starts, and they can then take the measurements accurately. These profile images are necessary for the sizing comparison of the bottles to standard dimensions to ensure that every product is designed correctly according to industry specifications.

The Testronix Profile Projector provides high measurement precision, simplifies quality control processes, and reduces manufacturing defects. It is a very useful tool for industries that place a lot of emphasis on consistent product quality and performance.





## SPECIFICATIONS

- Magnification Standard: 10x
- Projector screen Diameter: 300 mm
- Field of view: Field: 30 mm
- X-Y range of projector with gauge block: 50 x 50 mm
- Effective table: 275 x 180 mm
- Measuring units: Linear scales built
- Resolution/least count: 0.001mm
- Rotary measuring stage: Available
- Stage glass diameter: 70 mm
- Table dimensions: 300 x 200mm (Stainless Steel)
- Maximum specimen height: 115 mm
- Illumination types:
  - Contour illumination 24 V/150W
  - Surface illumination 12 V/100 W
- Cooling system: Without vibration, noiseless fan motors
- Accessories given: Silicon cloth, Cover-fuse bulbs, power supply cord (vinyl), Operating manual

## FEATURES

- Compact & Lightweight: Table-top model for easy use
- User-Friendly: Simple to operate
- Screen Diameter: 300mm, includes chart holders and 90° cross lines
- Screen Graduation: Up to 360° with vernier scale
- Projection Light Source: Halogen lamp
- Surface Illumination: Double oblique light source
- Dichromatic Reflector Lamps: 2 x 12V/100W adjustable lights
- Optical Distortion: Less than 0.15%
- Measurement Methods: Manual and digital micrometers
- Computerized Model: Available upon request

