PUNCTURE FIXTURES

# Tissue Paper Ball Burst Fixture ISO 12625-9

Pneumatic or manual ball burst fixture for tissue paper and tissue products to ISO 12625-9



## OVERVIEW

A puncture test fixture for determining the ball burst strength of tissue paper and tissue products according to DIN EN ISO 12625-9. The sample is clamped over a ring, pneumatically or manually, and burst by a ball probe while the force is recorded. A drip tray allows testing of wet tissue, and versions are available for single- and double-column testing machines.

## KEY FEATURES

- Built to DIN EN ISO 12625-9 for tissue products
- Pneumatic clamping for repeatable specimen restraint
- Tray catches water drops during wet tissue tests
- Adapter extension available for double-column machines
- Manual version rated to 10 kN
- Stainless steel construction for wet testing

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Max. load** | 500 N (pneumatic); 10 kN (manual) |
| **Test type** | Ball burst |
| **Operation** | Pneumatic or manual clamping |
| **Coupling** | Female clevis, Ø 15.9 mm (5/8 in) pin; others on request |
| **Material** | Stainless steel |
| **Temperature range** | 0 to +70 °C (others on request) |
| **Weight** | 13 kg (pneumatic); 13.5 kg (with extension); 10 kg (manual) |
| **Scope of supply** | 1 fixture incl. water tray |

## AVAILABLE VERSIONS

| | |
|---|---|
| **Pneumatic, single column** | 500 N, 13 kg |
| **Pneumatic, double column** | With adapter extension, 500 N, 13.5 kg |
| **Manual** | 10 kN, 10 kg |
| **Manual, deep tray** | 50 mm deep tray |

## APPLICATIONS

- Tissue and towel paper
- Wet strength testing
- Hygiene products
- Paper mill quality control

**STANDARDS** ISO 12625-9

**Ordering & customization:** Specify pneumatic or manual operation and single- or double-column testing machine.

**Dimensional drawings**
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-PF-110

# Tissue Paper Ball Burst Fixture ISO 12625-9

DIMENSIONAL DRAWINGS

**FIG. 1**

| | |
|---|---|
| Max. load: | 500 N |
| Coupling: | |
| Material: | Stainless steel |
| Temperature range: | 0°...+70°C<br>Further temperature ranges on request |
| Weight: | 13 kg |
| Scope of delivery: | 1 fixture incl. tray for water drops |



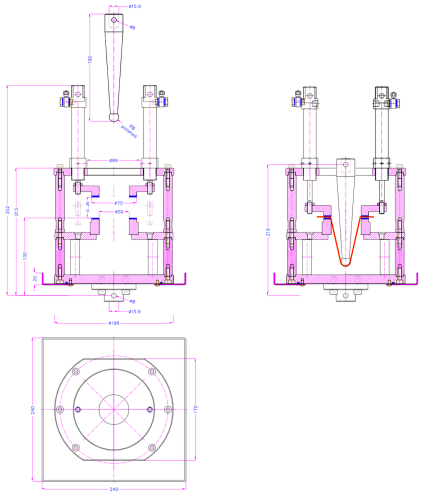


**FIG. 2**

| | |
|---|---|
| Max. load: | 500 N |
| Coupling: | |
| Material: | Stainless steel |
| Temperature range: | 0°...+70°C<br>Further temperature ranges on request |
| Weight: | 13.5 kg |
| Scope of delivery: | 1 fixture incl. adapter extension and tray for water drops |



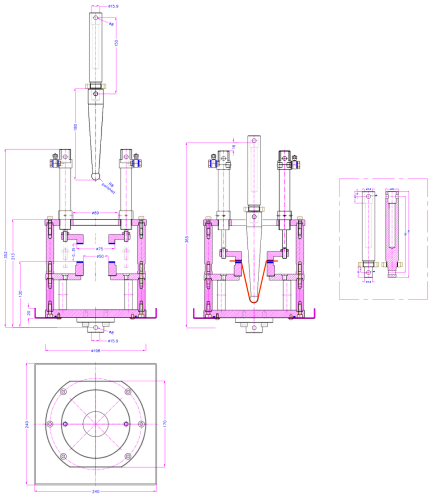
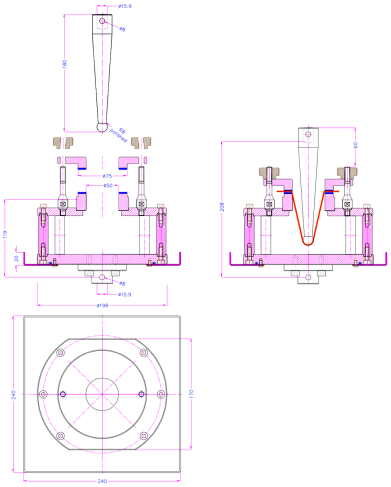


**FIG. 3**

| | |
|---|---|
| Max. load: | 10 kN |
| Coupling: | |
| Material: | Stainless steel |
| Temperature range: | 0°...+70°C<br>Further temperature ranges on request |
| Weight: | 10 kg |
| Scope of delivery: | 1 fixture incl. adapter extension and tray for water drops |





Dimensions in mm. Drawings are representative of the product family and may show optional versions or accessories; dimensions are for reference only and may change without notice. Certified dimensional drawings and 3D models are available on request.