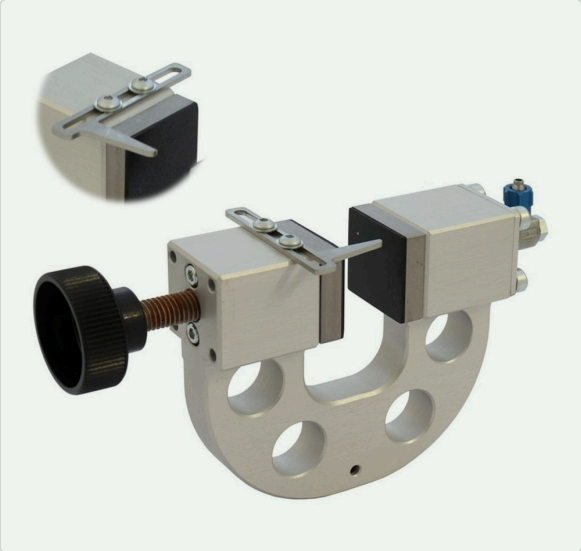
PNEUMATIC GRIPS

Small Lightweight Pneumatic Grip 100 N

240 g single-rod pneumatic grip for low-force tests up to 100 N



OVERVIEW

A small, lightweight pneumatic grip for low-force tensile tests where grip mass on the load cell must be minimal. A single pneumatic rod develops up to 200 N clamping force at 7 bar, rated for 100 N tensile load at a friction coefficient of 0.5. Jaw faces from 25 × 25 mm to 25 x 100 mm suit films, fibers, labels and small components.

KEY FEATURES

- Only 240 g per grip without jaws
- 200 N clamping force at 7 bar, max. 16 bar air pressure
- Jaw opening up to 20 mm, depending on jaws
- Jaw widths from 25 mm to 100 mm, incl. 1 × 3 in faces
- Smooth, rubber, pyramid, wave and diamond jaw faces
- Optional foot pedals, hand switches and pressure regulator

TECHNICAL SPECIFICATIONS

Max. tensile force	100 N at 0.5 coefficient of friction
Clamping force	200 N at 7 bar (max. air pressure 16 bar)
Jaw opening	0–20 mm, depending on jaws
Jaw face size	25 × 25 to 25 × 100 mm; 25.4 × 76.2 mm (1 × 3 in)
Coupling	Female clevis, Ø 8 mm pin
Pneumatic connection	M5
Body material	Anodized aluminum
Temperature range	0 to +70 °C, depending on jaws; other ranges on request
Weight	240 g per grip, without jaws

AVAILABLE VERSIONS

Jaws 25 × 25 mm	Smooth, rubber, pyramid and diamond faces
Jaws 25 × 50 mm	Smooth, rubber, pyramid, wave and diamond faces
Jaws 25 × 60 mm	Smooth, nickel-plated, rubber and pyramid faces
Jaws 25 × 100 mm	Smooth, nickel-plated, rubber and pyramid faces
Jaws 25.4 × 76.2 mm	Smooth, nickel-plated, rubber and pyramid faces

APPLICATIONS

- Thin films and foils
- Fibers and filaments
- Labels and medical packaging
- Small electronic components

Ordering & customization: Specify jaw face type and size; jaws are ordered separately. Add foot pedals, hand switches or a pressure regulator as required, and pull rods if used in a temperature chamber.

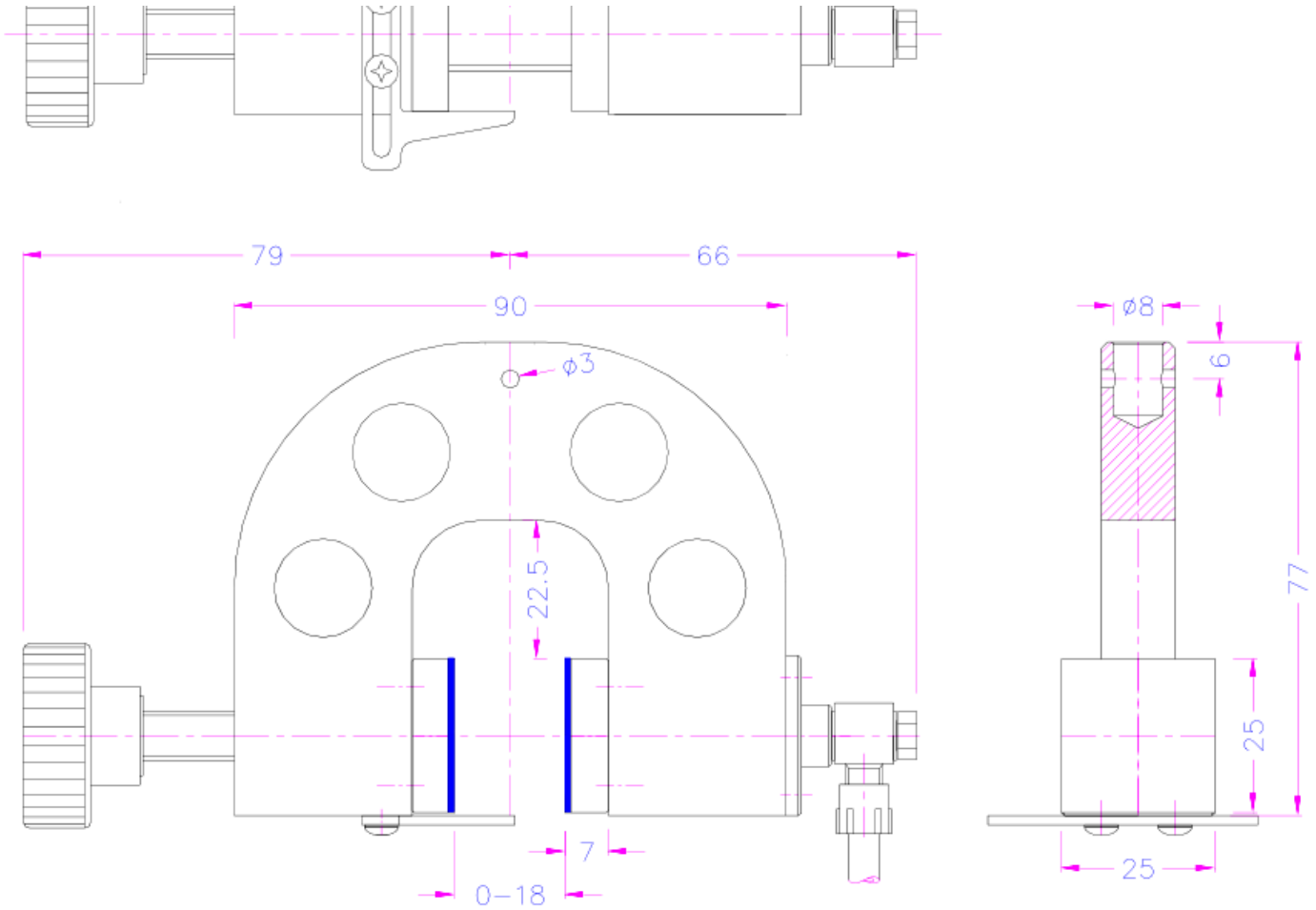
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-PG-160

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DIMENSIONAL DRAWINGS

FIG. 1



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.