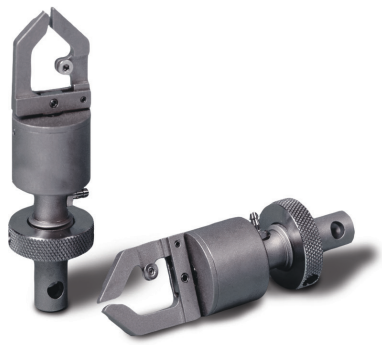
INSTRON®

The difference is measurable®

2712 SERIES MICRO PNEUMATIC GRIPS

2712 - 101

The grips clamp the specimen through lever arms actuated by air cylinders built into the grip body. The design include advantages of controllable and repeatable gripping force with normal air supplies, optimized clamping action for the material being tested, and reduction of specimen failure at the grip face. In addition, foot switch actuation means the operator's hands are free for accurate specimen placement in the grip. The micro pneumatic grip is fatigue rated to a capacity of ±10 N. It is made of light weight material and is suitable for both monotonic and low cyclic testing with minimal inertia effect. In addition, with one fixed face and one movable face, the grips provide a large access area for repeatable and accurate specimen alignment, making them suitable for testing of micro test specimens like fine wires, thin films or single filaments.



10 N micro pneumatic grips for tests on fine wires and small components

FEATURES

- Capacity: ±10
- Max. specimen width: 3 mm (0.12 in)
- Max. specimen thickness: 0.8 mm (0.03 in)
- Temperature range: -10 °C to +80 °C (+14 °F to +176 °F)
- Upper and lower fittings: Type 0m (12 mm connection with 6 mm clevis pin), with or without locking ring.
- Weight of grip:
  - Without lock ring 45 g
  - With lock ring 80 g
- Temperature rated version is also available

APPLICATION

The micro pneumatic grips provide a convenient method of clamping miniature specimens where precise positioning and consistent clamping force is required.

www.instron.com

INSTRON®

Worldwide Headquarters
825 University Ave, Norwood, MA 02062-2643, USA
Tel: +1 800 564 8378 or +1 781 575 5000

European Headquarters
Coronation Road, High Wycombe, Bucks HP12 3SY, UK
Tel: +44 1494 464646