STANDARDS TEST FIXTURE

Fire Sprinkler Strength Fixture EN 12259-1

Hydraulic body strength test fixture for fire sprinklers to EN 12259-1



OVERVIEW

Strength test fixture for fire sprinkler bodies according to EN 12259-1 Fig. F.1. The sprinkler is screwed into an insert on the lower platen and loaded hydraulically up to 50 bar, while a digital dial gauge on a crossbar records body deformation. Supplied with three thread inserts, a hand hydraulic pump and the gauge, built from aluminum and stainless steel.

KEY FEATURES

- Test arrangement per EN 12259-1 Fig. F.1
- Three inserts for common sprinkler base thread sizes
- Hydraulic hand pump rated to 60 bar included
- Digital dial gauge on adjustable crossbar measures deformation
- Four-column aluminum and stainless steel frame with quick clamps
- Complete kit: frame, inserts, pump and gauge

TECHNICAL SPECIFICATIONS

Test type	Sprinkler body strength, hydraulic load
Test pressure	Up to 50 bar
Pump	Hydraulic hand pump, max. 60 bar
Inserts	3, for 1/2 in, 3/4 in and one further base size
Measurement	Digital dial gauge
Material	Aluminum + stainless steel
Coupling	On request
Scope of supply	Frame, 3 inserts, hydraulic pump, digital dial gauge

APPLICATIONS

- Fire sprinkler manufacturers
- Sprinkler type approval testing
- Fire protection QC labs
- Product certification bodies

STANDARDS EN 12259-1

Ordering & customization: Specify the sprinkler base thread sizes required for the inserts and the machine coupling or bench use.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-ST-650