



FIRE EXTINGUISHER TESTING EQUIPMENT

Fire Extinguisher Testing Equipment

Fire extinguishers are among the most widely deployed first-response fire suppression devices in the world. Ensuring that every unit performs reliably — from cylinder integrity to extinguishing agent discharge — demands a comprehensive suite of specialised testing apparatus aligned with international standards such as ISO 7165, EN 3, UL 299, and equivalent national codes.

Our Fire Extinguisher Testing Equipment range equips manufacturers, inspection services, and certification laboratories with the full complement of instruments needed to evaluate mechanical durability, hydraulic performance, electrical safety, spray characteristics, and real-world extinguishing effectiveness. Each apparatus is built to deliver accurate, repeatable results that satisfy regulatory and type-approval requirements globally.

Applications & Industries

Our fire extinguisher testing solutions are specified by organisations across the following sectors:

- Fire Extinguisher Manufacturers: end-of-line QC, design validation, and type-approval submission testing
- Third-Party Testing & Inspection Laboratories: independent performance verification and standards compliance audits
- Certification & Approvals Authorities: formal type-testing against EN 3, ISO 7165, UL 299, and regional equivalents
- Fire Safety Regulators & Standards Bodies: monitoring and enforcement of product safety requirements
- Insurance & Loss-Prevention Organisations: product qualification and field-inspection support
- Refilling & Maintenance Service Providers: cylinder re-qualification and pressure indicator verification
- University & Research Institutions: extinguishing agent efficacy studies and novel suppression technology development

Why Choose Our Fire Extinguisher Testing Equipment?

Our Advantage	What That Means for You
Full Standards Coverage	Apparatus designed to meet EN 3, ISO 7165, UL 299, and national equivalents — ensuring acceptance by certification bodies and regulators worldwide.
Precision Pressure & Mechanical Testing	High-accuracy hydraulic circuits and calibrated load frames provide traceable, repeatable results for cylinder integrity and structural performance testing.
Complete Product Lifecycle Testing	From raw cylinder burst testing and pressure cycling to spray performance and electrical insulation — our range covers every test stage, eliminating the need to source equipment from multiple suppliers.
Safe Test Environments	Enclosed test chambers, pressure relief systems, and safety interlocks are standard features, protecting operators during high-pressure and fire performance tests.
Data Acquisition & Reporting	Integrated software captures real-time test data, generates compliant test reports, and supports statistical process control for high-volume production environments.
Aftersales & Calibration Support	Our dedicated service team provides on-site commissioning, operator training, periodic calibration, and preventive maintenance programs to keep your laboratory running at peak performance.



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