

TECHNICAL DATA SHEET • WELD INSPECTION & MEASUREMENT EQUIPMENT



Model: GAL-12 / Cat # 12

G.A.L. Gage Co. CAT-12 Brief-Case-Type Large Tool Kit

Professional Comprehensive Weld Inspection Tool Kit with Security Lock & Key

Designed for professional quality control inspectors, welding engineers, CWI (Certified Welding Inspectors), and fabrication shops, the **CAT-12 Large Tool Kit** contains a premier selection of industry-standard G.A.L. precision measuring instruments.

Housed in a robust, foam-lined aluminum briefcase with secure lock and key mechanisms, this kit guarantees secure transport and organized storage for all vital weld inspection gauges.

TECHNICAL SPECIFICATIONS & CASE DETAILS

Manufacturer: G.A.L. Gage Co.	Model / Cat #: CAT-12 (GAL-12)
Case Dimensions: 18" × 12-1/2" × 3" (457mm × 317mm × 76mm)	Enclosure: Briefcase with Dual Latches, Key Lock & Custom Foam Interior
Measurement Scale: Available in Inch or Metric (Specify upon order)	Application: AWS, ASME, API & Military Weld Inspection Standards

KIT HIGHLIGHTS & INCLUDED INSTRUMENTS

The CAT-12 kit features top-of-the-line inspection gauges crafted from high-grade stainless steel for corrosion resistance, precision laser-engraved graduations, and long-term durability in harsh industrial environments. Continue to Page 2 for the complete itemized contents list.

- **All-in-One Inspection Solution:** Eliminates the need to source individual gages separately, providing a complete diagnostic kit for weld size, undercut, misalignment, and profile measurement.
- **Precision Calibrated:** Manufactured to strict tolerances meeting major international welding codes.
- **Rugged Portability:** Custom high-density foam cutouts keep every gauge securely in place during transit to field sites, shipyards, and manufacturing floors.

ITEMIZED CONTENTS & ORDERING INFORMATION

COMPLETE TOOL INVENTORY (CAT-12)

Instrument Name	Primary Function / Application	Scale Type
V-WAC Gauge	Measures undercut depth, porosity comparison, crown height, and general weld dimensions.	Inch or Metric
Fillet Weld Gauge	Checks fillet weld leg length and throat dimension accurately.	Inch or Metric
WTPS Gauge	Measures weld toe pitting, undercut depth, and surface irregularities.	Inch and Metric
Bridge Cam Gauge	Measures internal alignment, fillet weld size, crown height, and undercut.	Inch and Metric
Single Purpose Hi-Lo Gauge	Checks internal alignment of pipe prior to and after welding to eliminate root rejects.	Inch or Metric
6" SPI Scale	Precision stainless steel pocket scale for linear measurements and layout verification.	Inch or Metric
Telescoping Inspection Mirror	Inspects root passes, hidden weld zones, and restricted pipe areas.	Standard
Micrometer w/ Ball Anvil	Measures wall thickness, pipe thickness, and localized material loss.	Inch or Metric
Skew-T Fillet Weld Calculator	Calculates fillet weld dimensions for skewed (non-90°) T-joints quickly and accurately.	Inch and Metric
AWS Type Gauge	Verifies conformance to American Welding Society dimensional requirements.	Inch or Metric
Adjustable Fillet Weld Gauge	Measures convex and concave fillet weld sizes with an adjustable leg feature.	Inch or Metric
Magnifier / Reading Glass	Provides optical magnification for detailed visual examination of cracks and defects.	Standard

ORDERING & PRODUCT OPTIONS

Model Number	Description
GAL-12L (Cat #12)	Brief-Case-Type Large Tool Kit with Lock & Key — Inch Scale
GAL-12L-M (Cat #12-M)	Brief-Case-Type Large Tool Kit with Lock & Key — Metric Scale



Ready to Order or Request a Quote?

Contact ABQ Industrial sales engineers for pricing, calibration certificates, and delivery options.

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