ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

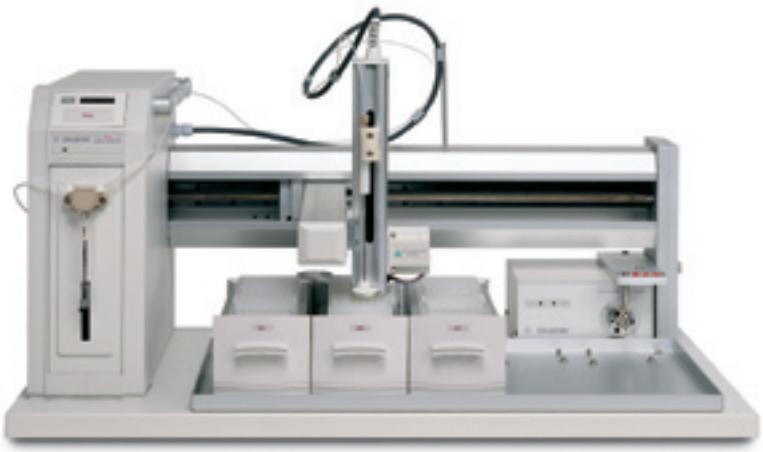
Expert team | Trust guarantee | 100% satisfaction

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Find the *Gilson 215* at our website: ***Click HERE***

215 Liquid Handler/Injector





Single-Probe Liquid Handler/Injector/ Fraction Collector

Features

- Accurate and precise (X/Y/Z) positioning system with the flexibility of accommodating more than 330 standard and custom rack options
- Laboratory-proven, rugged multipurpose workstation
- Separate flow paths for both sample handling and fraction collection
- Peltier racks for samples and fractions
- Utilizes a wide range of injection probes, sample loops and syringes
- High-force Z-arm

Benefits

- Accommodates 96- or 384-well microplates and a wide variety of vials, tubes or bottles
- Performs sample preparation, injection and fraction collection on one robust platform
- Eliminates contamination between your samples and fractions
- Versatile bed layout for precise heating and cooling of vials or plates
- Load analytical- and preparative-scale sample volumes and fractions
- Pierces most thick or thin septum (including Vacutainer™ tubes)

Applications

- Analytical analysis and preparative scale purification of synthetic and biological compounds
- Semipreparative compound purification and identification as part of Gilson's LC/MS Autopurification System

GILSON

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Technical Specifications

Liquid Handling†	Reproducibility: 1.37% CV with 50 µL of water Accuracy: 99.7% with 50 µL of water †Contact Gilson Customer Service to learn what methods and conditions were used to obtain the values.
Injection†	Reproducibility: <0.9% CV with 1-mL syringe and total loop filling method Carryover: <0.1% †Contact Gilson Customer Service to learn what methods and conditions were used to obtain the values.
Sampler Type	Stationary bed X/Y/Z robot
Bed Capacity	Up to five Code 200- or Code 800-Series racks, up to seven Code 20- or 30-Series racks (or a combination of up to five racks of both types), or one Code 500-Series and one Code 200-Series rack
Syringe Pump	Internal, integral, high-precision, single-piston
Syringe Capacity	100, 250 or 500 µL; 1, 5, 10 or 25 mL
Probe Positioning Performance	Accuracy: ±0.5 mm in X/Y dimensions, ±1 mm in Z dimension Repeatability: ±0.25 mm in X/Y/Z dimensions
Arm Speed	>45.7 cm/sec (>18 in./sec) in X dimension >40.6 cm/sec (>16 in./sec) in Y dimension
Horizontal Motion Strength	X: 5 kg (11 lbs.) Y: 7 kg (15 lbs.)
Vertical Punch Strength	Standard Z-arm: 5 kg (11 lbs.) High-force Z-arm: 18 kg (40 lbs.)
Software	Gilson TRILUTION™ Software
Communication Interface	RS-232 or GSIOC; Four inputs (contact closure, TTL, or open-collector), four relay outputs and one switched +24V DC 1A output
Display Panel	8-character LCD
Front Panel	START and emergency STOP soft keys
Power Requirements	Frequency: 50–60 Hz Voltage: 100–120 or 220–240V, mains voltage fluctuations not to exceed ±10% of the nominal voltage Current rating: 2.0A for 100–120V or 1.0A for 220–240V
Manufacturing Standards	Meets applicable Safety and EMC certification standards; UL and CE certified
Instrument Dimensions (w x d x h*)	91 x 61 x 56 cm (36 x 24 x 22 in.) *Maximum height. Z-arm height is adjustable to accommodate vessel heights from 1–150 mm (dependent on installed Z-arm).
Instrument Weight	40 kg (89 lbs.)
Shipping Weight	77 kg (170 lbs.)

For applications or additional information, contact your local Gilson Technical Sales Representative or visit www.gilson.com.

Gilson, Inc. World Headquarters
Middleton, WI 53562 USA
Telephone: 800-445-7661 or 608-836-1551
Fax: 608-831-4451

Gilson S.A.S.
19, avenue des Entrepreneurs
F-95400 VILLIERS LE BEL France

www.gilson.com
sales@gilson.com, service@gilson.com, training@gilson.com

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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