# Agilent Certified Pre-Owned Instruments

**Agilent**
Trusted Answers

## Certification checklist

- Must pass a comprehensive operational qualification and performance verification

- Replacement of consumable parts such as seals, lamps, pistons, liners… with new Agilent parts

- All manufacturing and service updates applied

- Hardware and firmware updated as required to work with latest software

- Replace cosmetic panels with new parts to meet latest instrument design

- Add new accessories: tools, seals, spare parts … everything needed for initial startup

# Get the confidence that comes with Agilent certified pre-owned instruments

Each instrument is rigorously refreshed to Agilent standards, including comprehensive electromechanical and operational performance validation.

## Validated performance

Each instrument is rigorously refreshed to Agilent standards, including comprehensive electromechanical and operational performance validation.

## Expert installation

Only Agilent's service engineers have the skills, qualifications, and experience necessary to ensure fast worry-free startup.

## Exceptional value

With Agilent certified pre-owned instruments, you get the technology—and the rock-solid reliability—you really want, at an attractive price.

## Same-as-new warranty

Our certified pre-owned instruments receive Agilent's full one-year warranty. This is peace of mind equal to that of a new Agilent instrument. Owners of a certified pre-owned Agilent instrument also have the option to purchase an extended support contract.

| No. | Product | Product Number | Product Description |
|-----|---------|----------------|---------------------|

## GC

| No. | Product | Product Number | Product Description |
|-----|---------|----------------|---------------------|
| 1 | Certified pre-owned 6890N GC | G1530NR | Choice of 20 configurations: split/splitless single-, dual-channel; FID-packed, capillary and MSD-ready. Includes OpenLAB CDS Chemstation software. |
| 2 | Certified pre-owned 6850A series II GC | G2630AR | Split/splitless with flame ionization detector, 2-line display, built-in interface for autoinjector, RS-232, analog out. Inlet operating pressure 0 to 100 psi. |
| 3 | Certified pre-owned 6850 automatic liquid sampler | G2880AR | Holds up to 27, 2 mL vials.  Optional turret holds 22, 4 mL vials.  Compatible only with the 6850  GC. |
| 4 | Certified pre-owned 7683B autoinjector module for 6890, 7890 | G2913AR | Includes one transfer turret, one 8-sample turret, mounting post, and small "parking" post for GC. |
| 5 | Certified pre-owned 7890B GC | G3440BR | Choice of 16 configurations: split/splitless single-, dual-channel; FID-packed, capillary and MSD-ready. TCD, MSD-ready detectors and CoC accessory kits available as options. |
| 6 | Certified pre-owned 7200B GCMS quadrupole time-of-flight mass spectrometer | G3851BAR | With EI and CI sources. Includes a PC, two monitors, MassHunter workstation software, and printer. |
| 7 | Certified pre-owned 7693A autoinjector | G4513AR | Includes transfer turret, 16-sample turret, mounting post, parking post for GC, 10 µL syringe, and solvent bottles. |
| 8 | Certified pre-owned 7693 tray, 150 vial | G4514AR | Includes three removable 50-vial racks and GC mounting bracket. |
| 9 | Certified pre-owned 7693A heater/mixer/bar code reader | G4515AR | An optional heater/mixer/bar code reader and second injector can be used to prepare highly viscous or slightly soluble samples, as well as for dilution, mixing, derivatization, and bar-coded sample tracking. All functions are controlled through easy-to-use software. |
| 10 | Certified pre-owned 7697A headspace sampler, 12 vial | G4556AR | Single vial heating. Controlled by built-in keypad or external data system. Includes onboard EPC, LAN, and APG communication, and 1 mL sample loop. |
| 11 | Certified pre-owned 7697A headspace sampler, 111 vial | G4557AR | Controlled by built-in keypad or data system.  Includes onboard EPC, LAN and APG communication, 1mL loop and 3 removable 36-vial racks. |
| 12 | Certified pre-owned 7650 automatic liquid sampler, 50 vial | G4567AR | For use with 7890 and 7820 GC. |

## GC-MS

| No. | Product | Product Number | Product Description |
|-----|---------|----------------|---------------------|
| 1 | Certified pre-owned 5977B MSD bundle with stainless steel source | G7076BAR | With stainless steel source. Select option 001 for diffusion pump or 002 for turbo pump. Use with 7890 or 9000 GC. Oil-free rough pumps and printer optional. |
| 2 | Certified pre-owned 5977B Inert Plus MSD EI bundle with extractor EI source | G7077BAR | With extractor EI source, high-vacuum turbo pump, and data system. For use with 7890 or 9000 GC. Oil-free rough pumps and printer optional. |
| 3 | Certified pre-owned 5977B Inert Plus MSD turbo EI/CI bundle | G7078BAR | Includes high-vacuum turbo pump, extractor EI and CI sources, and data system. Use with 7890 GC. Oil-free rough pumps and printer optional. |
| 4 | Certified pre-owned 5977B HES MSD turbo EI bundle | G7079BAR | Includes high-efficiency turbo pump, high-efficiency source, and data system. For use with 7890 or 9000 GC. Printer and oil-free rough pumps optional. |

| No. | Product | Product Number | Product Description |
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| | **HPLC** | | |
| 1 | Certified pre-owned 1290 Infinity II flexible pump | G7104AR | Power range 1300 bar and 5 mL/min flow, quaternary low pressure mixing. Includes Active Seal Wash, tool kit, solvent cabinet, and bottles, ISET, and Blend Assist. |
| 2 | Certified pre-owned 1260 Infinity II isocratic pump | G7110BR | Includes isocratic pump, column, connecting capillaries, solvent cabinet, solvent bottles, and CAN cable. Maximum pressure 600 bar. |
| 3 | Certified pre-owned 1260 Infinity II quaternary pump VL | G7111AR | Includes integrated 4-channel degasser, column, connecting capillaries, solvent cabinet, solvent bottles, and CAN cable. Maximum pressure 400 bar. |
| 4 | Certified pre-owned 1260 Infinity II quaternary pump | G7111BR | Includes integrated 4-channel degasser, column, connecting capillaries, solvent cabinet, solvent bottles and CAN cable. Maximum pressure 600 bar. |
| 5 | Certified pre-owned 1260 Infinity II binary pump | G7112BR | Includes integrated 2-channel degasser, column, connecting capillaries, solvent cabinet, solvent bottles, and CAN cable. Maximum pressure 600 bar. |
| 6 | Certified pre-owned 1260 Infinity II variable wavelength (VW) detector | G7114AR | For programmable single and dual wavelength detection. RFID tracking technology for flow cells and UV lamp. Choose flow cell as option. |
| 7 | Certified pre-owned 1290 Infinity II variable wavelength (VW) detector | G7114BR | Programmable single wavelength (up to 240 Hz) or dual wavelength detection. RFID tracking technology for flow cells and UV lamp. Must order flow cell. |
| 8 | Certified pre-owned 1260 Infinity II diode array detector (DAD) WR | G7115AR | Provides 120 Hz data acquisition rate RFID tags for flow cell and lamp. Includes deuterium and tungsten lamp. Choose flow cell as option. |
| 9 | Certified pre-owned 1260 Infinity II multicolumn thermostat | G7116AR | Capacity up to four columns. Temperature range 10 degrees below ambient to 85°C. |
| 10 | Certified pre-owned 1290 Infinity II multicolumn thermostat | G7116BR | Capacity up to eight columns. Temperature range 4 to 110 °C. Includes heat exchanger, Quick-Connect fitting, and two Quick-Turn fittings. |
| 11 | Certified pre-owned 1290 Infinity II diode array detector FS | G7117AR | For fast multiwavelength and spectral analysis. Data rates of up to 120 Hz. Includes 10 mm flow cell. Other flow cells available as options. |
| 12 | Certified pre-owned 1290 Infinity II diode array detector | G7117BR | For ultra performance multiwavelength, high-resolution analysis. Data rates up to 240 Hz. Includes 10 mm flow cell. Other flow cells available as options. |
| 13 | Certified pre-owned 1260 Infinity II diode array detector HS | G7117CR | For ultra sensitivity, multiwavelength and spectral analysis. Data rates up to 120 Hz. Includes 10 mm Standard Max-Light cartridge cell, V(o) 1 µL. |
| 14 | Certified pre-owned 1290 Infinity II HS pump | G7120AR | Power range 1300 bar, 5 mL/min flow, binary mixing, low delay, high precision and accuracy. Includes Active Seal Wash, tool kit, solvent cabinet, bottles, and ISET. |
| 15 | Certified pre-owned 1260 Infinity II fluorescence detector | G7121AR | For programmable single wavelength detection (excitation and emission) up to 74 Hz data rate. Includes standard flow cell. |
| 16 | Certified pre-owned 1260 Infinity II fluorescence detector spectra | G7121BR | For multiwavelength detection, online acquisition of excitation and emission spectra, up to 148 Hz data rate. Includes 8 µl flow cell. |
| 17 | Certified pre-owned 1260 Infinity II degasser | G7122AR | Includes 4-channel degasser, remote control cable, and connecting tubing. |
| 18 | Certified pre-owned 1260 Infinity II vial sampler | G7129AR | Includes 100 µL metering device and a 100 µL sample loop, plus integrated needle flush port. Three drawer configurations available. For use up to 600 bar. |
| 19 | Certified pre-owned 1290 Infinity II vial sampler | G7129BR | Includes 40 µL metering device, 20 µL sample loop, and needle flush port. Accommodates 132, 2 mL vials. A classic drawer kit is optional. For use up to 1300 bar. |

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| 20 | Certified pre-owned 1260 Infinity II refractive index detector | G7162AR | Up to 72 Hz data rate, with integrated 8 µL standard flow cell. |
| 21 | Certified pre-owned 1290 Infinity II refractive index detector | G7162BR | Up to 144 Hz data rate, with integrated 2.5 µL micro flow cell for high-resolution applications. |
| 22 | Certified pre-owned 1260 Infinity II multiple wavelength detector | G7165AR | For fast, multiwavelength analysis, eight signals, 120 Hz data acquisition rate. Includes RFID tracking technology for flow cells and UV lamp. |
| 23 | Certified pre-owned 1260 Infinity II multisampler | G7167AR | Includes one sample drawer, 2 x 54-vial containers, needle flush port, 100 µL metering device and loop. For use up to 800 bar for well plates and sample containers. |
| 24 | Certified pre-owned 1290 Infinity multisampler | G7167BR | Includes one sample drawer, 2 x 54-vial containers, needle flush port, 40 µL metering device, 20 µL loop. For use up to 1300 bar for well plates and sample containers. |

## ICP-OES

| No. | Product | Product Number | Product Description |
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| 1 | Certified pre-owned 5110 SVDV ICP-OES spectrometer | G8014AAR | The SVDV offers a 'synchronous vertical dual view' and delivers the fastest analyses, as well as offering the lowest gas use. |
| 2 | Certified pre-owned 5110 VDV ICP-OES spectrometer | G8015AAR | The VDV offers a 'vertical dual view' for high throughput. |
| 3 | Certified pre-owned SPS 4 autosampler for use with FAAS, MP-AES, ICP-OES | G8490AR | Requires SpectrAA v5.3, MP Expert v1.5.1, or ICP Expert v7.0.2 (or higher). For use with FAAS, MP-AES, and ICP-OES systems. |

Please contact your local Agilent sales representative and request a punchout quote.
Please note that inventory is limited on some products. Agilent may not have inventory to accept and fill your order.

www.agilent.com/en/products/certified-pre-owned-instruments