

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

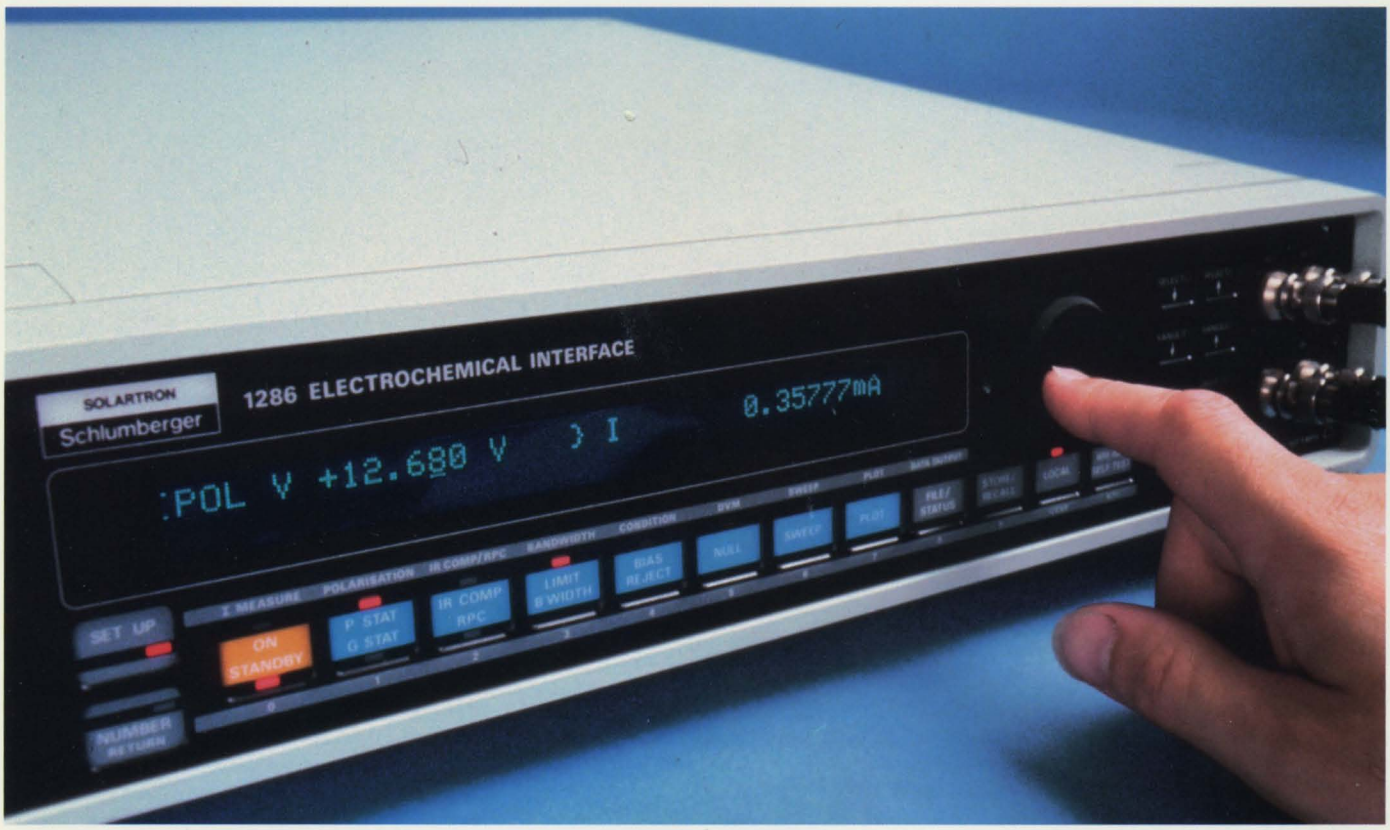
Expert team | Trust guarantee | 100% satisfaction

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DYNAMIC ANALYSIS & VIBRATION TESTING

1286...POTENTIOSTAT/ELECTROCHEMICAL INTERFACE



For the study of electrochemical reactions (including corrosion), the testing of protective coatings, battery design and the investigation of dielectric materials and biological phenomena, the properties are ideally characterized by measurement of electrical impedance or resistance.

The 1286 is a general-purpose potentiostat with a wide range of facilities for measurement and analysis of dc and ac impedance. As a stand-alone instrument, the 1286 provides automatic dc potential sweeps. Used with the 1250 Frequency Response Analyzer or the 1201 Signal Processor, an ac waveform can be superimposed on the internally-generated voltage and the impedance determined directly from the resultant current and voltage response.

Measured data can be displayed on the two built-in digital voltmeters, stored in non-volatile memory, or output to a peripheral device (plotter, printer, computer) for analysis.

FEATURES:

Compatible with 2-, 3- and 4-terminal cells

Potentiostatic and galvanostatic polarization control

IR compensation: current interruption and positive feedback compensation of ohmic drop

Real part correction: corrects ohmic drop and improves measurement resolution

Wide bandwidth: dc to 1 MHz

Safe polarization sequence: protects cell from unwanted transients

Interfaces: GPIB (IEEE 488), RS 423 and RS 232

Non-volatile memory: data and measurement parameter files

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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