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Shimadzu Scientific Instruments, the American subsidiary of Shimadzu Corporation, headquartered in Kyoto, Japan, offers a full line of analytical measurement and testing instrumentation for a broad range of applications in science and industry, including Pharmaceuticals.

Products include chromatographs (HPLC/UFLC, GC); mass spectrometers (GC/MS, LC/MS, MALDI); spectrophotometers (FT-IR, Fluorescence, UV-VIS-NIR); atomic spectrometers (AA, ICP); X-ray spectrometers (EDX, XRD, XRF); thermal analyzers; Total Organic Carbon (TOC) analyzers; data systems/software; particle size analyzers; balances (semi-micro, electronic, analytical, top-loading, portable, moisture); and various materials testers (universal/tensile, hardness, capillary/flow, endurance/fatigue).

Recent key developments include:

- **Prominence UFLC** (ultra fast liquid chromatograph): Delivers powerful high-speed analysis – without sacrificing performance, reliability, or ruggedness; for unique challenges that demand the use of longer columns for extra resolution, users can convert their current Prominence UFLC to a UFLCXR system or can purchase a new UFLCXR system, which is capable of system pressures up to 9500 psi (66MPa)

- **MCE-202 MultiNA automated electrophoresis system:** With reusable microchips, and completely automatic, the MCE-202 is a faster and more sensitive alternative to agarose gel electrophoresis for DNA and RNA nucleic acid size confirmation and quantitation
- **Prominence nano HPLC:** Supports high-precision gradient analysis by providing advanced flow-rate precision in the nano flow-rate range
- **UV-1800 Spectrophotometer:** Boasting the highest resolution (1 nm) and smallest footprint in its class, the UV-1800 delivers powerful performance and functionality in a compact design
- **IRAffinity-1 FTIR spectrophotometer:** Uses high-throughput optical elements and a dynamic alignment mechanism to increase sensitivity, stability and usability, making it ideal for high-precision infrared analysis to confirm, identify and detect foreign matter in raw materials, medical products, packages and coatings
- **TX/TXB series of top-loading electronic balances:** Meeting the recent demand for intermediate-range balances with competitive performance and price, this new lineup includes TX electromagnetic force restoration balances equipped with the UniBloc aluminum integral mass sensor and TXB electronic balances with a load-cell function
- **AXIMA MALDI TOF Series:** Powerful mass spectrometers, the new series – Performance, Confidence, Assurance – provides users with the ultimate in performance and flexibility. From routine analysis of a wide variety of samples to robust and reliable research-grade performance, the AXIMA Series delivers excellence without compromise

By partnering with customers and listening to their input, Shimadzu's people continue to develop and manufacture instruments that deliver results faster and more efficiently than ever before to meet the needs of researchers, scientists, and manufacturers around the globe