COMPANY DESCRIPTION

Founded in 1980, SCP SCIENCE is a successful, privately owned manufacturer of analytical instruments, supplies, reagents and certified reference materials for the inorganic analytical laboratories market. The company manufactures sample preparation instruments including block digestion systems, microwave digestion systems plus environmental chemistry analyzers; certified reference materials such as calibration and quality-control standards; and specialized glassware for the atomic spectroscopy market.

CHIEF SPECTROSCOPIC TECHNIQUES SUPPORTED

Atomic absorption (AA), inductively coupled plasma (ICP/ICP-MS), ion chromatography (IC), sample preparation, tribology, X-ray fluorescence (XRF), rototube spectroscopy and elemental analysis.

MARKETS SERVED

SCP SCIENCE supplies products to government, research and development, environment and quality control laboratories in the inorganic analytical spectroscopy markets. These markets include: mining, petroleum, petrochemicals, wear metals, agriculture, cement, food processing, semiconductor, clinical, wastewater treatment facilities, academic and government sectors.

MAJOR PRODUCT LINES

AA Supplies – In addition to a full line of high-performance hollow cathode lamps, SCP SCIENCE offers a comprehensive series of AA supplies, including: graphite furnace tubes, matrix modifiers, reference standards, autosampler tubes and PlasmaPure acids and reagents.

ICP Supplies – This product line includes nebulizers, torches, spray chambers and other glassware manufactured in-house to fit all brand-name instruments; ICP-MS cones; ICP-AES/MS calibration and quality control standards; CONDSTAN metal-in-oil standards, as well as TAN/TBN, sulfur-in-oil, chlorine-in-oil and viscosity standards complete with detailed Certificates of Analysis.

XRF Supplies – Manual to fully automated presses; thin-film window material, sample cells, binding and binding agents, aluminium pellet caps, and sulfur-in-mineral-oil standards. The line of AccuSPEC fusion fluxes are available in pure or ultra-pure grades and can be ordered in custom blends.

SAMPLE PREPARATION SYSTEMS

Sample Block Digestion Systems - SCP SCIENCE’s line of DigIPPREP Teflon® coated graphite block digestion systems and microwave digestion systems are manufactured in-house with high-performance materials.

DigIPPREP systems for 15, 50 and 100 ml vessels are available in 9, 24, 48 and 72-position models for HNO₃, HCl and HF digestions. For high temperature digestion, DigIPPREP HT systems in 10, 20 and 40-vessel configurations are available. Typically used for Total Kjeldahl Nitrogen (TKN) analysis. A full line of accessories (vessels, sample filtration systems, temperature probes and fume removal systems) complement these systems.

NovaWAVE Microwave Digestion Systems - Available in two configurations: stand alone Model SA and fully automated Model FA. A microwave sample digestion tunnel system employs 12 dynamically operating micro cavities to process 12 samples simultaneously. These systems deliver a dramatic improvement in sample throughpuat and speed of digestion plus a major reduction in labour and human intervention compared to any other digestion system. Other features include individual sample temperature control and monitoring; seamless microwave power control with no duty cycle; built-in EPA and DIN methods; and USB/ Ethernet port connectivity for data processing and storage.

MinWAVE Microwave Digestion System - A top-loading, compact Microwave Digestion System consisting of a Touch Screen Controller and up to 4 Digestion Modules connected via USB cables. Each Module is able to digest up to 6 samples simultaneously in 75 ml Quartz or Teflon® vessels. Modules can be programmed and monitored using separate or the same digestion method.

EasyPREP Sample Handler System – Several manual laboratory procedures may be automated to increase laboratory productivity while lowering the risk of human error. Applications include: reagent additions; sample dilutions; automatic normalization; sample aliquoting; sample transfers and more. Sample Handler can be used in conjunction with racks and tubes from a variety of instruments including the DigIPPREP block digestions systems and NovaWAVE microwave digestion systems. Additional EasyPREP Robotic Analyzers perform multiple applications including COD, BOD, pH, electro conductivity and alkalinity analysis.

FACILITIES

SCP SCIENCE headquarters are located in the Baie-D’Urfé suburb of Montreal, Canada. The company also uses forwarding facilities in: Champlain, New York, which services the USA. Separate offices are located in the Courtaboeuf suburb of Paris, France, which supports distributors throughout the European Union; Markoberdorf, Germany and Beijing, China. Canadian and most international orders may be sent from headquaters.

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INTERNATIONAL
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Fax: +1 (514) 457-4499
1980  George Feilders, president and founder, establishes SCP SCIENCE to market products for atomic spectroscopy in Canada.
1990  Chemical manufacturing begins.
1996  The company expands to the U.S. market.
1997  The company expands further into the International market.
1999  Production of the company's signature DigIPREP digestion systems and accessories begins.
2000  The production department, sales team and head office are consolidated in a spacious new building in suburban Montreal.
2001  The company acquires SPIN (France) to create a European sales office and distribution centre.
2002  Supplies manufacturing begins.
2003  Production of new instrumentation (DigIPREP CUBE, DigIPREP HT) begins.
2004  Quartz and glassware manufacturing begins.
2005  Production of new instrumentation (DigIPREP LS, PC Classic controller and Go2Temp® software) begins.
2006  The manufacturing department is expanded, bringing the total area of the headquarters to 40,000 square feet.
2007  The company opens an office in Beijing, China.
2007  The company acquires the CONOSTAN brand - from Conoco Philips, adding its line of elements-in-oil standards to the SCP SCIENCE group of products.
2009  Production of new viscosity standards sold under the CONOSTAN brand.
2010  Production of NovaWAVE - A new category of Automated Microwave Digestion systems.
2011  Production of TAN and TBN Standards sold under the CONOSTAN brand.
2012  The manufacturing department is expanded, bringing the total area of the headquarters to 74,000 square feet.
2013  The company acquires SiliFlow (France) to create a Robotics Department. Production of EasyPREP - Sampling Handling Systems.
2014  Production of MinWAVE - A top-loading, compact, microwave digestion system.
2015  The company opens an office in Marktberdorf, Germany.