

SPEX[®] CertiPrep & SamplePrep

1954 - 2020

1950s

Business News

1954 - SPEX industries was founded in Queens, NY. SPEX stands for Sample Preparation and handling techniques for the Emission, infrared, and X-ray spectroscopist
1955 - First SPEX Industries catalog
1955 - SPEX Industries presented products for the first time at the Pittsburgh Conference (Pittcon)
1956 - SPEX Speaker Newsletter
1959 - The first SPEX Sample Preparation catalog

CertiPrep Product Introduction

1952 - Art and Harriet Mitteldorf began making and selling the 'SPEX mix' after being rejected by a spectrometer manufacturer
1955 - Semi-Quantitative Standards (G, L and Z standards), Ultra Purity Graphite Electrodes, Rods and powders. Spectroscopist Plates and Films

SamplePrep Product Introduction

1957 - The first SPEX mixer, WIG-L-BUG, was an indispensable tool in the laboratory for the materials requiring mixing and grinding
1959 - 8000 Mixer/Mill

1960s

Business News

1964 - SPEX Industries Incorporated by the Mitteldorfs
1964 - SPEX 3.4 Meter Ebert Spectrograph was constructed and used to produce first SPEX Certified Reference Materials featured in the very first Certified Reference Materials catalog
1967 - Obtained DCP Spectrometer for QC of CRMs

CertiPrep Product Introduction

1960 - Semi-Quantitative Standards for Rare Earth Elements, Noble Metals, Pure Material Standards and Steel Standards
1963 - Pre-weighed and Fluxing Chemicals
1964 - Certified Reference Materials

SamplePrep Product Introduction

1960 - 5000 Mixer/Mill
1963 - The Master Plate, 9040 Stabilized DC Arc Unit 90101 Arc/Spark Stand and the 8500 Shatterbox
1965 - XRF Liquid Cells, XRF Consumables and C-30 Hydraulic Press
1968 - 6700 Freezer/Mill and 5100 Mixer/Mill

1970s

Business News

1970 - SPEX Industries GmbH - European office opens in West Germany

CertiPrep Product Introduction

1977 - Line of HiPure Inorganic Materials, Multi-Element ICP Solution Standards, Organic Solvent Soluble Metal Salts, and Gas Standards

SamplePrep Product Introduction

1970 - B-52 Hydraulic Press
1973 - Flame and Atomic Absorption Standards
1976 - 3624 30-ton X-Press
1977 - 8510 Enclosed Shatterbox

1980s

Business News

1984 - Art and Harriet Mitteldorf Retire
1985 - First Edition of the Handbook of Sample Preparation and Handling Released
1988 - SPEX was purchased by Jobin Yvon SA
1988 - Obtained First ICP Which Allowed for Inclusion of ICP Analysis on Certificates

CertiPrep Product Introduction

1985 - Certificate of Analysis by Wet Chemistry Method Issued for ICP and AA Standards
1988 - Many Popular Standards Lines were Introduced Single-element, Instrument Check, Interference Check, Quality Control, Drinking Water Pollutant, Ground Water and Wastewater Pollution Control Check, and Custom Multi-Element Spectroscopy Standards
1989 - Stock Environmental ICP Multi-Standards for the Superfund Contract Laboratory Program (CLP) and Multi-Element ICP Standard for Matrix-Matching

SamplePrep Product Introduction

1981 - 5200 Micro Hammer Cutter Mill
1984 - 3624B 35-ton X-Press
1986 - 3624C X-Press
1988 - 3628 Air-activated Bench Press

1990s

Business News

1990 - Instituted Formal Quality Assurance Program, "Triple Checked for Quality", With One Wet Chemical and Two Instrumental Methods and the Dilut-U-Lator was created
1994 - Attained ISO 9001 Certification Through Underwriter's Laboratory, Acquired first ICP-MS and began independent operation as SPEX CertiPrep, Inc. and SPEX CertiPrep Ltd, UK Founded
1997 - SPEX went online with www.spexcsp.com and email@spexcsp.com
1999 SamplePrep Product Introduction - 8515 Enclosed Shatterbox

CertiPrep Product Introduction

1990 - ICP-MS Calibration Standards
1991 - Organometallic CRMs
1992 - Anion IC Standards and Environmental Standards line expanded
1994 - Claritas line of products, instituted "brand names" such as Claritas, Assurance, etc. and added densities and purities to CofAs
1995 - Cation IC Standards and Cyanide Standards

SamplePrep Product Introduction

1990 - 3630 Automated X-Press
1991 - 4200 Jaw Crusher
1992 - 5300 Mixer/Mill and Fusion products
1995 - 8000D Dual Mixer/Mill
1996 - 8520 3-speed Enclosed Shatterbox

2000s

Business News

2000 - NVLAP Certification Attained, became Proficiency Provider
2003 - SPEX CertiPrep Group added Protocol Organics to expand into Organic RMs
2004 - SPEX SamplePrep, LLC began independent operations and web order entry started
2006 - SPEX CertiPrep increases accreditation through AZLA to Guide 34 and ISO 17025
2007 - SPEX SamplePrep acquired Katanax for Fusion products

CertiPrep Product Introduction

2003 - Organic Reference Materials
2004 - Contamination control product line and added acid distillation was started to supplement for electronic grade nitric acid acid and SPEX started offering the distillation unit for sale.
2009 CertiPrep Product Introduction - ROHS/WEEE Standard

SamplePrep Product Introduction

2000 - 2000 Geno/Grinder and 8000M Mixer/Mill
2001 - 6850 Large Freezer/Mill
2006 - 6770 Freezer/Mill
2009 - 2010 Geno/Grinder and 3635 X-Press

2010s

Business News

2010 - SPEX CertiPrep went solar with the installation of roof-top solar panels
2010 - New SPEX CertiPrep website launched with increased functionality
2015 - SPEX SamplePrep moved to 65 Liberty
2018 - Katanax moves to new building

CertiPrep Product Introduction

2010 - Polyethylene Phthalates Standards, EMPT Toy Safety Standards and USP Standards
2011 - SPEX branded 'Microbead' Flux
2012 - LC/MS Standards line and 1 ppm Standards line for ICP-MS
2013 - PVC Phthalate CRM and QuEChERS
2014 - 30 mL Plasma Shots
2016 - Pesticide Mixes and Kit
2017 - USP Products
2019 - Heavy Metals and Minerals Testing Kits

SamplePrep Product Introduction

2010 - 6970 EFM Freezer/Mill with external loading and K1 and K2 Borate Fusion Fluxers
2011 - Robotic Autoclamp 2020 Geno/Grinder
2012 - 1500 ShaQer
2013 - 1600 MiniG
2014 - 6870D Dual Freezer/Mill
2015 - X-600 Electric Fluxer
2016 - X-300 Fusion Fluxer
2018 - New 2010 Geno/Grinder
2019 - GenoLyte

2020

Business News

2020 - SPEX Companies become the Center of Excellence for the Cole-Parmer Life Science Business Segment

CertiPrep Product Introduction

2020 - 10 ppm Claritas PPT[®] Certified Reference Materials

SamplePrep Product Introduction

2020 - XFP-01 FluxSpenser[®]
2020 - 5120 Mixer/Mill - Mini Mixer/Mill