

# Instrument Control Kits

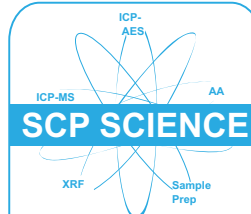
Total Quality Kit at your Fingertips

Today's competitive analytical marketplace and increased focus on quality systems and standards has created the need for accurate tracking of instrument performance and control. **SCP SCIENCE** provides a unique single product to control quality and monitor the performance of ICP-AES/MS Spectrometers.



**PlasmaTEST** ICP-AES/MS Total Quality Kits contain the necessary solutions and documentation required to continually monitor multiple parameters for one or more ICP Spectrometers. Tests are suggested that will detect operational and mechanical problems that could lead to errors and instrument down time.

**SCP SCIENCE** continues to work on improving and developing new products that respond to specific needs in the inorganic analytical field. If you have specific requirements, please do not hesitate to call our Research and Development department at 1-800-361-6820. We may have something under development or your requirements could become one of our future products.



[www.scpscience.com](http://www.scpscience.com)

Sample  
Prep

ICP-AES & MS

AA

XRF

Calibration  
Standards

Certified  
Reference  
Materials

**BONUS Custom  
Standards Offer!**



With the purchase of every 500 ml bottle of custom ICP AES/MS standard, receive an additional 500 ml of the same multi-element standard at 1/2 price.

Larger volume discounts also available.

Call for more  
information or to  
request a quote.

**USA**

Tel.: (800) 361-6820  
Fax: (800) 253-5549

**Canada / International**

Tel.: (800) 361-6820 / (514) 457-0701  
Fax: (800) 253-5549 / (514) 457-4499

**Europe**

Tel.: +33 (0)1 69 18 71 17  
Fax: +33 (0)1 60 92 05 67

## PlasmaTEST ICP-MS



### MONITORS...

Isotopic Ratio  
 Resolution  
 Oxide & Doubly Charged Ion Ratios  
 Sensitivity & Stability  
 Mass Accuracy & Stability  
 Short & Long Term Stability  
 Cross Calibration  
 Mass Abundance  
 "Cool" Plasma & Dynamic Reaction Cell (DRC) Performance  
 Detector "Cut-Off"

### BENIFITS...

Ensure accuracy of concentration measurements when using Isotope Dilution Method  
 Minimize mass number interferences  
 Control the oxide level to minimize mass number interferences  
 Verify the repeatability of the instrument  
 Evaluate of the accuracy of the analysis  
 Evaluate of the precision of the analysis  
 Verify the calibration of the pulse & analog detectors  
 Verify the ability of the instrument to measure different isotopes  
 Verify the Isobaric Spectral Overlaps  
 Detect potential problem at low concentrations

### ORDERING INFORMATION

Description	Catalog Number
PlasmaTEST for ICP-MS Kit (English)	140-128-021
PlasmaTEST for ICP-MS Kit (French)	140-128-031

## PlasmaTEST ICP-AES

### MONITORS...

Warm-up Time  
 Repeatability  
 Resolution  
 Signal/Noise Ratio  
 Raw Count  
 Plasma Robustness  
 Long-term Stability

### BENIFITS...

Optimum analysis scheduling  
 Monitor stability  
 Minimize spectral interferences  
 Optimize detection limits  
 Monitor repeatability  
 Monitor sensitivity to different matrices  
 Minimize frequency of re-standardization

### ORDERING INFORMATION

Description	Catalog Number
PlasmaTEST for ICP-AES Kit (English)	140-128-001
PlasmaTEST for ICP-AES Kit (French)	140-128-011



For additional information or to place an order, please contact an **SCP SCIENCE** Sales Representative or local distributor. Our website, at [www.scpscience.com](http://www.scpscience.com), contains up to date information on all our products.