Syropy AI Connectivity

# Spectrometer Carbon Rod

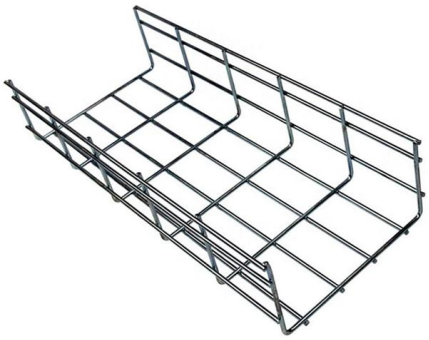
## Overview

Carbon Rods (graphite) with an impurity level of 2ppm or less with a maximum level element of each of 1 ppm. Does counter electrode (CE) size matter?

Moisture Analysis – Karl Fischer Titration, NIRS, or both?

Ultra high purity carbon rods are used for carbon evaporation in EM applications to either coat non-conductive specimens with a thin layer of carbon or to produce support films for TEM specimens. Type 1 is a "low temperature" glassy carbon produced by heat treatment at ~ 1,000-2,000°C and consists of discreet fragments of distorted graphene layers. LEAD TIMES: Average Lead Times are shown individually in days for any products not currently in stock. Whilst we are working closely with our suppliers to minimise the impact of global supply chain issues, and regularly update our product prices and lead times, some are subject to change due to.

# Spectrometer Carbon Rod



**High Purity Carbon Rods for Cressington Carbon Coaters, for 110V**

DESCRIPTION The carbon rods are offered in either spectroscopically pure or technical grades for standard electron microscopy evaporation requirements using carbon coaters. Due to the purification

**Spectrometers for Steel Testing in Steel Industry Plants**

Enhance steel testing with our Spectrometers. Ensure accurate & precise analysis of Carbon, Nitrogen, Oxygen & fine wire, foil, thin analysis in

**Carbon Rods, Grade 1 Spec-Pure**

The carbon rods are offered in either spectroscopically pure or technical grades for standard electron microscopy evaporation requirements using carbon coaters.

**Carbon rods**

Carbon rods Ultra high purity carbon rods are used for carbon evaporation in EM applications to either coat non-conductive specimens with a thin layer of carbon


**Carbon Rods**

Carbon Rods Carbon rods for vacuum coating. Special prices valid while stocks last. All prices exclude VAT.

**Spectrometer**

A spectrometer is any instrument used to view and analyze a range (or a spectrum) of a given characteristic for a substance (e.g., a range of mass-to-charge values


**Rotating Disc Electrode (RDE) Optical Emission**

Figure 3. RDE Spectrometer Sample Stand Showing Oil Sample Being "Burned" This needs about 2 or 3 ml of sample based on the exact cap used. For

**Carbon Nanorods, Nanowires, and Nanotubes**

In this comprehensive overview, we delve into the world of one-dimensional carbon-based materials, namely carbon nanorods, nanowires, and nanotubes, all distinguished by their nanoscale dimensions

**Raman spectroscopy of carbon materials and their composites:**

Raman spectroscopy is now an extremely important technique for the analysis of carbon-based materials. It is demonstrated how it can be used to give a unique insight into characterising

**Grade 1 Spec-Pure Carbon Rods**

Grade 1 Spec-Pure Carbon Rods Spectroscopically pure graphite structure carbon rods with an impurity level of 2ppm or less with 1ppm as maximum level for each element.


**Glassy Carbon Electrode Rod**

Glassy Carbon Electrode Rod for separate metal pin electrode Equip your Glassy Carbon Electrode Rod Scope of delivery and opt. parts (PDF)

## Carbon Arc

Carbon arc refers to a type of electric arc lamp in which carbon rods serve as electrodes to produce light through a thermal discharge in air. This lamp generates a bright light by heating the carbon tips to


## Carbon Rods, Electron Microscopy Sciences , Solid Rods

Carbon /graphite films are ideal in EM due to uniform amorphous form and high transparency to electron beams. Carbon/graphite rods are CVP(TM) (Chemical

## Infrared spectroscopy 2

The various carbon-carbon bonds also stretch and bend, as do the carbon-hydrogen bonds, and all of these vibrational modes also absorb different frequencies of

## Carbon rods

Ultra high purity carbon rods are used for carbon evaporation in EM applications to either coat non-conductive specimens with a thin layer of carbon or to produce

## Raman Spectroscopy: A Key Technique in Investigating

This article explains the key steps of using Raman technology to investigate carbon and carbon-based materials--such as carbon nanotubes,

**Carbon Rods, Grade 1 Spec-Pure, 1/8" x 12" (3 x 304mm), pkg/12**

The rods are all 12" long with three nominal diameters (1/8", 3/16" and 1/4") to comply with the carbon source used in different high vacuum carbon evaporators. Highly recommended for TEM, FESEM,

**Electron Microscopy Sciences Carbon (Graphite) Rods**

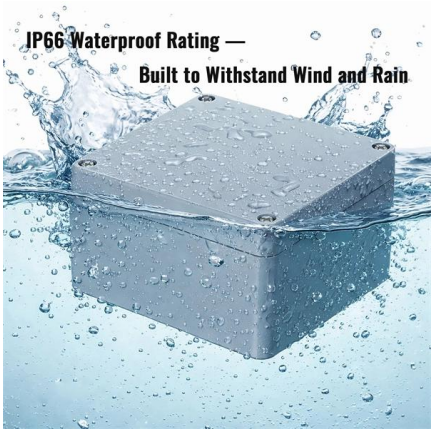
Carbon Rods (graphite) with an impurity level of 2ppm or less with a maximum level element of each of 1 ppm. Ideal for all TEM, SEM and other critical applications.

**16.2: Infrared Sources and Transducers**

Instrumentation for IR spectroscopy requires a source of infrared radiation and a transducer for detecting the radiation after it passes through the sample.

**Carbon Rods: Spectro-Grade**

Carbon Rods (graphite) with an impurity level of 2ppm or less with a maximum level element of each of 1 ppm. These rods are ideal for all TEM, SEM and all other critical applications.

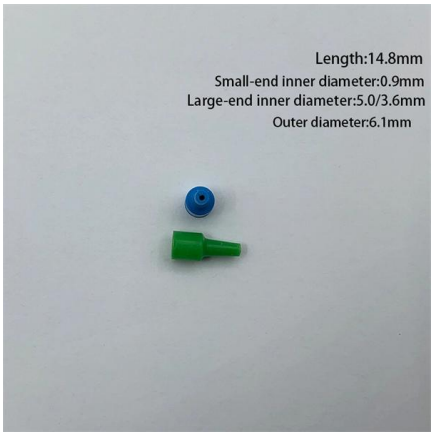



**Carbon Rods, Electron Microscopy Sciences , Solid Rods**

Carbon/graphite rods are CVP(TM) (Chemical Vapor Process) purity and spectrographic grade, grade 1, produced to ASTM tolerances. Spectro-Grade

**Glassy carbon rod - 6.6mm dia. - 99.99% purity - SALES**

Glassy carbon, also called vitreous carbon, is an advanced material of pure carbon combining glassy and ceramic properties with these of graphite. Unlike graphite, glassy carbon has a fullerene-related

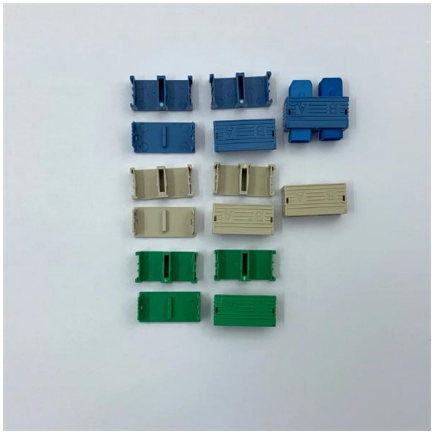



**Ensuring Wire Rod Quality with Optical Emission**

OES technology advances ensure precise steel wire specs for critical applications like aerospace and automotive safety.

**Carbon Rods**

Our carbon/graphite rods are CVP(TM) (Chemical Vapor Process) purity and spectrographic grade, grade 1, produced to ASTM tolerances or even tighter as well - we have a technical grade.



**Carbon Rods**

Carbon rods for vacuum coating. Spectrographically pure carbon rods.

**Glassy carbon rod, 3mm (0.1in) dia, type 1**

Glassy carbon rod is used as an electrode material in electrochemistry. It is also employed as an electrode material for the fabrication of sensors. It serves as an ideal material for the vacuum

**Carbon Rods**

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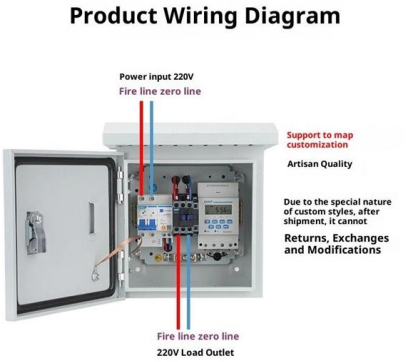
**Carbon rods for carbon evaporation**

Ultra-high purity carbon rods Ultra high purity carbon rods are used for carbon evaporation in EM applications. Either to coat non-conductive samples with a thin layer of carbon or to produce support

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