

## PORTABLE QC CART

**Waters Equipment's Portable QC Cart** allows on-line verification of analytical instruments as well as direct measurements of pre-conditioned\* samples throughout the plant. Since the cart is easily moved to the point of use, it eliminates transfer line contamination and sampling delays caused by lengthy tubing runs.



**Model WB070357 Portable QC Cart**

The QC Cart can also be positioned next to an existing steam and water analysis panel to verify the on-line readings of suspect analyzers.

**The Portable QC Cart** includes a multiparameter analyzer and “smart” sensors with quick-connects for Cation Conductivity, High Purity pH, Dissolved Oxygen and Total Organic Carbon. Specific Conductivity, General-Purpose pH or ORP can be substituted. All data is stored for up to 31 days and easily retrieved via external media ports. The cart comes fully assembled and includes a light-weight hand truck with 304SS mounting plate.

### **Functions:**

Conductivity: 0.001 - 2,000  $\mu$ S/m  
PH / ORP: -1 to 15 pH / -1500 to + 1500 mV  
DO: 0 - 15,000 ppb, Auto-Ranging  
TOC: 0.05 – 1,000 ppb C

### **Specifications:**

Dimensions: 56-1/2" H x 21" W x 22-1/2" D  
Weight: 85 lbs.  
Hand truck: Aluminum w/ 10" Semi-Pneumatic Wheels and Extended Nose  
Power: 120/1/60 VAC, Fused for 1A (TD) (Analyzer & DAQ fused internally)  
Power cord: 6' with a NEMA 5-15P Plug  
Enclosure: NEMA 4  
Tubing: 316SS, 1/4" x 0.049", ASTM A-213  
Fittings: Swagelok 316SS  
Drain: 304SS, 1" MNPT, Sch. 40  
Resin column: 450cc, color indicating with auto shut-off quick disconnects, upper vent and mounting clamps  
Flowmeters: Acrylic / SS, 4-50 and 20-240ccm

\* See page two for pre-conditioning equipment.

## SAMPLE AND ENVIRONMENTAL REQUIREMENTS:

**The Portable QC Cart requires a conditioned sample** having an inlet pressure between 15-20 psig and a temperature of between 60-125°F (16-52°C). The ideal temperature of the sample would be 77°F (25°C).

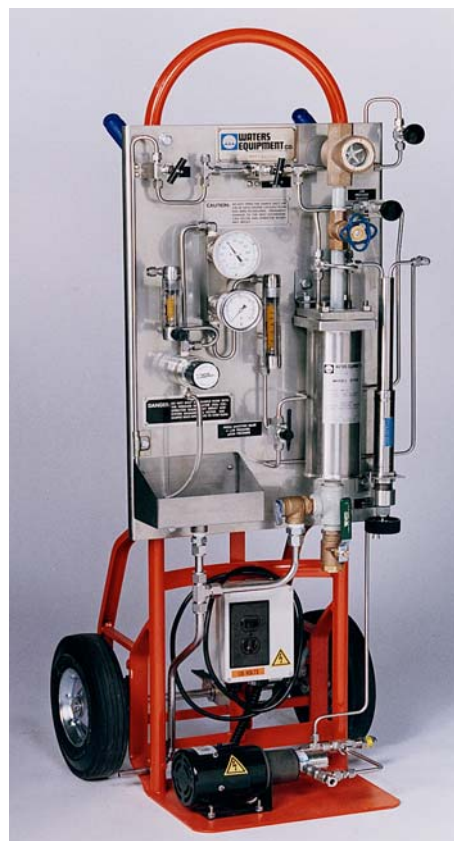
**The environment should be reasonably clean and dry.** Operating and storage temperatures should be within 33-130°F with a relative humidity of less than 95% (non-condensing).

Waters Equipment manufactures various point-of-use sample-conditioning products for permanent installation or temporary use. Two of these products are shown below with reference to their individual product literature.



**Model W3100 Single-Point Sample Conditioning Module** for permanent point-of-use installations up to 5000 psia @ 1000°F.

Download [Product Bulletin W3100](http://www.watersequipment.com) at [www.watersequipment.com](http://www.watersequipment.com)



**Model W3150 Portable Sampler** for temporary point-of-use conditioning of samples from 2 psia to 5000 psig.

Download [Product Bulletin W3150](http://www.watersequipment.com) at [www.watersequipment.com](http://www.watersequipment.com)

**SOLD BY:**

