

Thermo Scientific Orion Silica Grab Sample Kit

Introduction

The grab sample kit, Cat. No. 2030GS, is specially designed for use with the Thermo Scientific Orion 2030 silica monitor. Grab samples can be measured accurately and quickly, in less than 10 minutes, without removing the reaction vessel. The grab sample is poured into the reaction vessel via a funnel and a fresh, uncontaminated sample is captured for analysis.

The grab sample kit includes a stainless steel bracket, funnel with tubing assembly and pinch valve and door label instructions.

Installation

1. Install the stainless steel bracket, by clamping it over the swing panel on the inside of the 2030 silica monitor.
2. Slip the end of the funnel through the rubber grommet in the bracket, so that the funnel is in an upright position. Then attach the tubing to the funnel. Slide the pinch valve to the top of the tubing assembly, just below the funnel. Remove the cover on the grab sample inlet port, on top of the reaction cell manifold. Attach the end of the tubing to the inlet port. Make sure the tubing is pushed firmly onto the inlet, so that no air can escape.

Note: Air leaks will prevent the monitor from properly siphoning the sample.

3. Remove the adhesive backing on the door label instructions and attach it to the back side of the silica monitor door.
4. Keep the cap on the funnel at all times when it is not in use. Follow the instructions on the door label for operating and measuring instructions with the silica grab sample kit. When it is not in use, keep the pinch valve closed.

Ordering Information

Cat. No.	Description
2030GS	Silica grab sample kit
2030GP	Grab sample spare parts kit, includes funnel, cap and tubing assembly

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