

Installation Method of Concentrated Spectrometer Analyzer



Article Overview

Installing a concentrated spectrometer analyzer requires careful site preparation, proper utility connections, and performance verification to ensure accurate and reliable operation.

Pre-Installation Preparation

Before installation, ensure the installation site meets environmental and safety requirements: the room should be dry, dust-free, vibration-free, and within an altitude of 2000 m. Maintain ambient temperature between 5°C and 45°C and relative humidity of 20-80% without condensation. Ensure sufficient space for the instrument, including clearance for moving shipping cartons and access to power and gas connections (SPECTRO SPECTROMAXx) . Verify that the site complies with local electrical, safety, and building codes .

Unpacking and Positioning

Carefully unpack the instrument and inspect for shipping damage. Allow components to equilibrate to room temperature if they were outside the normal operating range. Place the instrument on a stable, vibration-free surface, either benchtop or floor-mounted, depending on the model . Ensure continuous access to the power cable for safety and maintenance.

Utility Connections...

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Agilent SpectrAA CFR software should be installed by the System Administrator and the System Administrator must be onsite during

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Installation includes setup of the 500-MS, LC, PC, vacuum system and vent hose, and communication cables between the modules

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There are four possible configurations of the Raman Rxn2 analyzer: single-channel, four-channel, hybrid, and starter. All Raman

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