

Power-on sequence for a spectrometer



Overview

Take a fully powered-down system and get it pumping and into Operate. Start up a QToF from complete shutdown. If this instrument is an H-class/I-class/M-Class, power on the sample. KB001834: What is the sequence for turning on the IPC power?

KB001834: What is the sequence for turning on the IPC power?

Information as to the recommended sequence for powering on an ICP-MS system. For additional information or help, please contact your local Shimadzu representative [here](#). Start up: To start up your instrument, power it on using the power switch/button on the instrument, and then. Unpacking and setting up your Thermo ScientificTM NicoletTM Summit spectrometer requires you to place the instrument in your workspace, to connect and power on the spectrometer, and to run a short performance test. Wait 24 hours before taking the spectrometer out of its plastic shipping bag to. A spectrometer is an analytical tool used across various scientific disciplines to measure how a substance interacts with light. Acrobat, Adobe, and Adobe Reader are trademarks of Adobe Systems Incorporated. All these processes will interfere with the mass spectrum.

Article Content

Dec 14, 2025

ISQ EC and ISQ EM Mass Spectrometer Operating Manual (Revision E)

This manual describes the functional features and operating principle of your Thermo Scientific™ ISQ™ EC and ISQ™ EM mass

Aug 20, 2025

Correct sequence/way to turn on and off audio equipment?

The monitors should be powered on last, and powered off first. The reason for this sequence: some audio electronics produce loud

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5 How the spectrometer works

The spectrometer usually provides us with a way of altering the RF power level and hence the strength of the B1 field. This is useful

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The Impact of Power Disruptions on Mass Spectrometry Testing: A ...

Power disruptions, surges, and brownouts pose significant challenges to sensitive mass spectrometry testing,

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Module 1: Fundamentals of Spectroscopy

Module 1: FUNDAMENTALS OF SPECTROSCOPY It's amazing how much we can learn about molecules and materials by shining

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Desktop Power Sequence Overview | PDF | Electronics

The document outlines the power sequencing steps for starting up a desktop computer. It shows the order that different voltage rails

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Mother board power ON Sequence

Mother board power ON Sequence Mother board power ON Sequence For off-line (or)on

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How to start up or pump down a powered down mass spectrometer

OBJECTIVE: Take a fully powered-down system and get it pumping and into Operate. Start up a QToF from complete shutdown.

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How to Use a Spectrometer: A Step-by-Step Guide

The process of capturing data begins with powering on the spectrometer and allowing a warm-up period to ensure the

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How to properly startup and shutdown your Shimadzu instrument

Start up: To start up your instrument, power it on using the power switch/button on the instrument, and then open the operating

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Power-up Sequencing Techniques Using iP1201 & iP1202

Power-up Sequencing Approaches Sequential Power-up Sequential power-up energizes each rail in sequence, meaning that

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Get Started with the Spectrometer

Connect the power supply to the spectrometer and to a properly grounded AC power source. Power on the instrument and allow it to

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Power Supply Sequencing Simplified | Analog Devices

The challenges in designing a multiple power supply multiply with each additional supply rail. The designer must

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5.1: Vacuum System

The pumpdown sequence for turning on a spectrometer starts by operating the roughing pumps to establish the initial vacuum and

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How to Perform Power Sequencing

Designing and operating electronic systems requires power sequencing to ensure the proper functioning and safety of devices. Learn

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Ease Power-Sequencing Verification with an 8-Channel Oscilloscope

With the number of power-supply rails on the rise and designers always under time-to-market pressure, 8-channel scopes are

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Laptop Motherboard Power Sequence Guide | PDF

Desktop Power Sequence - Free download as PDF File (.pdf), Text File (.txt) or view presentation slides online. The document

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Proper Power Up Sequence Explained

For some, which gear to power up first is common sense. Others couldn't be bothered to pay

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DESKTOP POWER ON SEQUENCE

SLP_S3 6 SLP_S4 Procedure for checking dead motherboard 1: check VSB voltage at SIO if voltage not coming check power supply

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Community forum - PS Audio

Recently I saw a post here mentioned that an amp fuse was blown possibly due to incorrect sequence of turning off his

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Complex Power-Supply Sequencing Made Easy

Introduction Power-supply sequencing is required for microcontrollers, FPGAs, DSPs, ADCs, and other devices that operate from

May 20, 2026

Controlling Startup and Shutdown Power Sequences

Microprocessors, FPGAs, DSPs, analog-to-digital converters (ADCs), and system-on-chip (SoC) devices typically run

Jun 04, 2026

Sequencers | TI

Power sequencing is an essential part of any design, especially in complex systems that utilize multiple power rails. High

Sep 15, 2025

How to build a spectrometer – Stray Light Analysis – Ansys Optics

The article covers the conversion of a spectrometer setup from sequential to non-sequential mode, the design of a simple casing and

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AN-932: Power Supply Sequencing | Analog Devices

As more and more of these system-on-a-chip (SoC) ICs proliferate the marketplace, the need for particular power supply sequencing

Jun 28, 2026

The ultimate guide to spectrometer integration

The maximum amount of light that the spectrometer can collect is thus given by the slit opening area times the numerical aperture

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How to start up or pump down a powered down mass spectrometer

Start up a QToF from complete shutdown. Power-on the host PC and then log into Windows. Power-on the LC and let it initialize. If

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The Correct Power On/Off Sequence for Your Audio

The Correct Power On/Off Sequence for Your Audio System: Protecting Your Gear In the world of Hi-Fi, we

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KB001834: What is the sequence for turning on the IPC power?

Information as to the recommended sequence for powering on an ICP-MS system.

Contact Us

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