

KEITHLEY

7002/-HD

The Keithley Model 7002 and 7002-HD are high-density, programmable switch mainframes designed for automated test and measurement systems. The Model 7002 is a 10-slot mainframe supporting up to 400 channels of 2-pole switching, featuring a unique interactive front-panel status display and a wide catalog of supported switch cards. The Model 7002-HD is a compact, 2U half-rack variant engineered for high-density applications with a simplified analog backplane and GPIB control.

SPECIFICATIONS

General

Display	Interactive channel status display with visual feedback and optional light pen support
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System Capacity & Architecture

Card Slots	10 plug-in card slots
Maximum Channel Capacity	Up to 400 2-pole multiplexer channels or 400 matrix crosspoints

Timing & Triggering

Maximum Scan Rate	Up to 300 channels/second
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System Control & Interfaces

Command Language Compatibility	Conforms to IEEE-488.2 and SCPI (Standard Commands for Programmable Instruments)
Non-volatile Memory Capacity	Battery backed-up storage for 500 switch patterns

Interfaces & Connectivity

IEEE-488 Compatibility	IEEE-488.2 and SCPI-1990.0
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TECHNOLOGY

Relay Switching Mainframe

APPLICATIONS

Automated Testing, Multi-channel Signal Routing, Precision Test and Measurement System Integration

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.