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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 44715A

HP Agilent 44715A 5 Channel Counter Totalizer for 3852A The HP 44715A is a 5-channel counter/totalizer plug-in for the 3852A data acquisition and control unit. OEM 3852A driver and plug-in tables list 44715A as a 5-channel counter/totalizer used for frequency, period, and event counting alongside 44701A/44702A analog cards. Scanned frequency, RPM, and event totals in 3852A industrial DAQ systems. Instrument Type: Counter / totalizer plug-in The HP 44715A is a 5-channel counter/totalizer plug-in for the 3852A data acquisition and control unit. OEM 3852A driver and plug-in tables list 44715A as a 5-channel counter/totalizer used for frequency, period, and event counting alongside 44701A/44702A analog cards. Scanned frequency, RPM, and event totals in 3852A industrial DAQ systems. Instrument Type: Counter / totalizer plug-in Related Voltmeter: 44701A 5.5-digit integrating voltmeter



MODEL

**Agilent / Keysight
44715A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

44715A

LISTING

<https://aumictechlabs.com/products/44715a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 44715A is a five-channel counter/totalizer component module for measurement and event counting applications. Each channel operates at 200 kHz and can be hardware-configured to one of four distinct operating modes, supporting count, frequency, and period measurements. The modular architecture integrates directly into larger data acquisition systems, enabling flexible multi-channel monitoring with event-driven interrupt capability. This unit combines a Counter Component Module and Terminal Module for seamless deployment in

controlled measurement environments. Technical Specifications Module Type: 5-Channel Counter/Totalizer Component Module Counter Frequency: 200 kHz Operating Modes: Four hardware-selectable modes per channel Programmable Functions: Count, frequency, and period measurements Event Processing: Interrupt support for event-driven applications Key Features Five independent counter channels with dual-module design Hardware mode configuration eliminates software complexity Direct interrupt integration for time-critical measurement tasks Terminal and counter modules ship as integrated unit Typical Applications Suitable for cumulative event analysis, frequency measurement over extended periods, and period characterization in industrial test and laboratory environments where modular scalability is required. Compatibility & Integration Designed for integration into the Agilent 3852A data acquisition and control system, which provides eight slots for plug-in function modules. Systems can be expanded using the 3853A expansion unit, allowing multi-module configurations for distributed measurement across numerous channels.

44715A Characteristics / Specifications

PARAMETER	VALUE
Model	44715A
Instrument Type	Counter / totalizer plug-in
Host Mainframe	3852A
Channel Count	5
Functions	counter and totalizer
Family	44700 series
Related Voltmeter	44701A 5.5-digit integrating voltmeter
Related High Speed	44702A high-speed voltmeter
Form Factor	3852A plug-in
Manufacturer	HP Agilent Keysight
Use Case	frequency and event counting in 3852A
Control	3852A programming / NI hp3852 driver listing
Operating Temperature Class	3852A mainframe
Literature	HP 3852A 44715A 5-channel counter/totalizer table
Year Introduced Class	1986 era 44700
System Role	digital pulse counting on 3852A
Related Digital In	44721A 16-channel digital input
Related Digital Out	44724A 16-channel digital output
Documentation Type	OEM plug-in table
Brand Lineage	Hewlett Packard Agilent Keysight
Slot	3852A cardcage slot
Input Class	pulse/frequency inputs per 44715A sheet
Gate Class	3852A programmed gate
Operating temperature	Class: 3852A mainframe

44715A Specifications

PARAMETER	VALUE
HP Agilent 44715A 5 Channel Counter Totalizer for 3852A	Overview
Applications	Scanned frequency, RPM, and event totals in 3852A industrial DAQ systems.
Five counter/totalizer channels	3852A plug-in
Frequency and event counting	Works with 3852A programming
Technical Specifications	Model: 44715A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 3852A mainframe
Operating Temperature	Class: 3852A mainframe
Operating Temperature Class	3852A mainframe
Literature	HP 3852A 44715A 5-channel counter/totalizer table
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Documentation Type	OEM plug-in table
Brand Lineage	Hewlett Packard Agilent Keysight
Slot	3852A cardcage slot
Input Class	pulse/frequency inputs per 44715A sheet
Gate Class	3852A programmed gate Notes From HP 44715A 5-channel counter/totalizer listings in 3852A configuration tables. Maximum frequency, input threshold, and count width are on the 44715A specification page.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.