

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 2, 2026

ADVANTEST

Advantest TR5840D Universal Counter. A/B inputs to 100 MHz, C input to 1 GHz

Advantest TR5840D Universal Counter. A/B inputs to 100 MHz, C input to 1 GHz The TR5840D provides a universal frequency counter with A and B inputs rated to 100 MHz and a C input rated to 1 GHz for general-purpose frequency, period, and related counter measurements in laboratory and production test. RF and digital clock frequency measurement to 100 MHz on A/B channels; extended frequency counting to 1 GHz on channel C; production and bench verification of oscillators, clocks, and pulse sources; general-purpose universal counter tasks. The TR5840D provides a universal frequency counter with A and B inputs rated to 100 MHz and a C input rated to 1 GHz for general-purpose frequency, period, and related counter measurements in laboratory and production test. RF and digital clock frequency measurement to 100 MHz on A/B channels; extended frequency counting to 1 GHz on channel C; production and bench verification of oscillators, clocks, and pulse sources; general-purpose universal counter tasks.

No photo

MODEL

**Advantest
TR5840D**

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

TR5840D

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Universal counter
- Channels A/B: to 100 MHz
- Channel C: to 1 GHz
- Multi-channel frequency measurement architecture
- Bench/rack laboratory instrument form factor

TR5840D Characteristics / Specifications

PARAMETER	VALUE
Model	TR5840D
Manufacturer	Advantest
Instrument Type	Universal Counter
ChannelAFrequency Range	to 100 MHz
ChannelBFrequency Range	to 100 MHz
ChannelCFrequency Range	to 1 GHz
Alias	TR5840D Standard Operating Conditions Observe input amplitude and coupling limits for each channel. Use appropriate attenuators or probes for high-level or high-frequency sources on channel C. Allow oscillator warm-up for stable frequency readout.
Channels A/B	to 100 MHz
Channel C	to 1 GHz

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

Specifications

PARAMETER	VALUE
Model	TR5840D
Manufacturer	Advantest
Instrument Type	Universal Counter
ChannelAFrequency Range	to 100 MHz
ChannelBFrequency Range	to 100 MHz
ChannelCFrequency Range	to 1 GHz
Alias	TR5840D

Standard Operating Conditions

Observe input amplitude and coupling limits for each channel. Use appropriate attenuators or probes for high-level or high-frequency sources on channel C. Allow oscillator warm-up for stable frequency readout.

Operational Notes

Confirm faceplate TR5840D and channel labeling (A/B vs C) before connecting high-frequency sources. Alias TR5840D.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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

Aumictech

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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.