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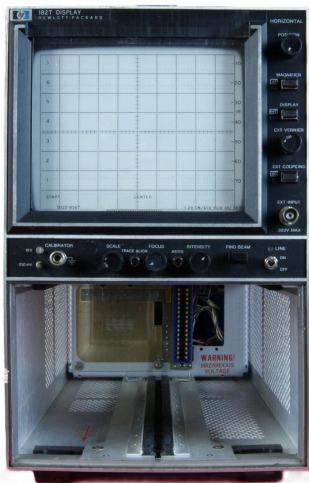
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 182T

HP Agilent 182T Oscilloscope Display Mainframe The HP 182T is a large-screen display mainframe in the HP 180-series plug-in oscilloscope family. OEM 180-series catalogs describe 182T as the large-display mainframe that accepts 1800-series vertical and time-base plug-ins (1801A, 1803A, 1820A, 1821A class) to form a complete oscilloscope. The 180 system separates display/power from plug-in vertical and sweep plugins so bandwidth is set by the installed vertical plugin (100 MHz class with 1801A/1803A). General-purpose analog oscilloscope measurements using 180-series plug-ins. The HP 182T is a large-screen display mainframe in the HP 180-series plug-in oscilloscope family. OEM 180-series catalogs describe 182T as the large-display mainframe that accepts 1800-series vertical and time-base plug-ins (1801A, 1803A, 1820A, 1821A class) to form a complete oscilloscope. The 180 system separates display/power from plug-in vertical and sweep plugins so bandwidth is set by the installed vertical plugin (100 MHz class with 1801A/1803A). General-purpose analog oscilloscope measurements using 180-series plug-ins.



MODEL

**Agilent / Keysight
182T**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

182T

LISTING

<https://aumictechlabs.com/products/182t-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 182T is a solid-state analog function generator engineered to deliver stable and accurate signal outputs across multiple waveform types. Housed in a lightweight cabinet-style mainframe with built-in tilt stand and carrying handle, the instrument supports both

benchtop and upright operation. The 182T accepts plug-in modules, enabling flexible system integration and expandability within the oscilloscope mainframe architecture.

Technical Specifications

Waveform outputs: Sine, Square, Triangle, Ramp

Frequency range: Broad operating range

Signal stability and accuracy optimized for precision laboratory measurements

Standard AC power input

BNC connectors for waveform output

Key Features

- Plug-in mainframe architecture supports modular expansion and integration with oscilloscope components
- Dual-orientation design with feet and rear-mounted handles for flexible laboratory setup
- Lightweight portable construction with integrated carrying handle
- Multiple output waveforms for diverse signal generation requirements

Typical Applications

- Educational laboratory instruction and signal analysis
- Research and experimental measurements
- Service and maintenance testing

General-purpose benchtop signal sourcing

Compatibility & Integration

The 182T functions as an oscilloscope mainframe with plug-in capability, allowing integration of compatible modules and accessories to extend system functionality. Operating and service manuals are available for reference. As an obsolete product no longer manufactured by Keysight, third-party service providers offer calibration, repair, and testing support for installed units.

182T Characteristics / Specifications

PARAMETER	VALUE
Model	182T
Instrument Type	Oscilloscope display mainframe
Family	HP 180-series plug-in oscilloscopes
Plugin Vertical Class	1801A / 1803A class vertical amplifiers
Plugin Timebase Class	1820A / 1821A class time bases
Bandwidth Class	100 MHz class with 1801A/1803A vertical plugins
Architecture	display/power mainframe plus plug-in vertical and sweep
Manufacturer	HP Agilent Keysight
Use Case	analog oscilloscope mainframe
Literature	HP 180-series oscilloscope catalogs 182T
Documentation Type	OEM 180-series catalog
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	oscilloscope display mainframe
Form Factor	benchtop plug-in oscilloscope mainframe
Application Class	general purpose analog oscilloscope
Operating Temperature Class	laboratory
Year Class	HP 180-series
Vendor Path	HP Agilent Keysight
Documentation Class	OEM oscilloscope catalog
Display Class	large-screen 180-series CRT mainframe
Power Class	180-series mainframe supplies plugin rails
Control Class	mainframe plus plugin front panels
Companion Role	host for 1800-series plugins
Crt Class	180-series internal-graticule CRT
Bandwidth	Class: 100 MHz class with 1801A/1803A vertical plugins

PARAMETER	VALUE
Operating temperature	Class: laboratory

182T Specifications

PARAMETER	VALUE
HP Agilent 182T Oscilloscope Display Mainframe	Overview
Applications	General-purpose analog oscilloscope measurements using 180-series plug-ins.
Key Features	180-series large display mainframe
Bandwidth set by vertical plugin	100 MHz class with 1801A/1803A
Technical Specifications	Model: 182T

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: laboratory
Operating Temperature	Class: laboratory
Operating Temperature Class	laboratory
Year Class	HP 180-series
Vendor Path	HP Agilent Keysight
Documentation Class	OEM oscilloscope catalog
Display Class	large-screen 180-series CRT mainframe
Power Class	180-series mainframe supplies plugin rails
Control Class	mainframe plus plugin front panels
Companion Role	host for 1800-series plugins
Crt Class	180-series internal-graticule CRT Notes From HP 180-series catalogs (182T large-display mainframe, 1801A/1803A/1820A/1821A plugins, 100 MHz class). CRT size, accelerating voltage, and power consumption are on the 182T 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	
Specifications	
PARAMETER	VALUE
Model	182T
Instrument Type	Oscilloscope display mainframe
Family	HP 180-series plug-in oscilloscopes
Plugin Vertical Class	1801A / 1803A class vertical amplifiers
Plugin Timebase Class	1820A / 1821A class time bases
Bandwidth Class	100 MHz class with 1801A/1803A vertical plugins
Architecture	display/power mainframe plus plug-in vertical and sweep
Manufacturer	HP Agilent Keysight
Use Case	analog oscilloscope mainframe
Literature	HP 180-series oscilloscope catalogs 182T
Documentation Type	OEM 180-series catalog
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	oscilloscope display mainframe
Form Factor	benchtop plug-in oscilloscope mainframe
Application Class	general purpose analog oscilloscope
Operating Temperature Class	laboratory
Year Class	HP 180-series
Vendor Path	HP Agilent Keysight
Documentation Class	OEM oscilloscope catalog
Display Class	large-screen 180-series CRT mainframe
Power Class	180-series mainframe supplies plugin rails
Control Class	mainframe plus plugin front panels
Companion Role	host for 1800-series plugins
Crt Class	180-series internal-graticule CRT

Notes

From HP 180-series catalogs (182T large-display mainframe, 1801A/1803A/1820A/1821A plugins, 100 MHz class). CRT size, accelerating voltage, and power consumption are on the 182T specification page.

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

Aumictech

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NAICS 423690 · 811210 · 541380
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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.