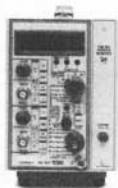


TM 500 Plug-ins slide into any one of several power-module mainframes. They are available in six versions accepting one instrument, or combinations up to six. Below are described each of the six mainframes built by Tektronix for TM 500 Instrumentation.

Option 02 Rear Interface for interconnection of instruments at mainframe rear interface. (Option 05 with TM 515).

Option 07 — For operating TR 502, TR 503 and DC 508A Option 07 in a TM 503, TM 504, TM 506, or TM 515.

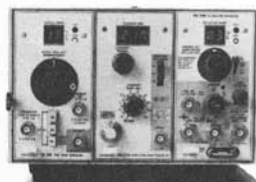


TM 501

Built for use with one single wide plug-in module.

ORDERING INFORMATION

TM 501 \$285
TM 501 Option 02 Interface Add \$55

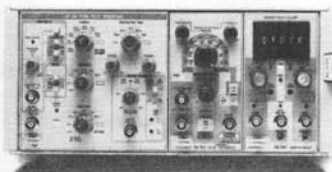


TM 503

Accepts up to three single wide TM 500 Plug-ins. This lightweight, portable, benchtop mainframe includes a front panel power switch and tilt bail. Also fits easily into the shelf of a TEK Model 3 Lab Cart. A carrying case is available to protect the mainframe during transportation.

ORDERING INFORMATION

TM 503 \$285
TM 503 Option 02 Interface Add \$75
TM 503 Option 07 Interface Add \$25



TM 504

The TM 504 can be fitted with up to four different TM 500 Plug-ins. This mainframe is designed to fit into the shelves of the TEK Model 3 Lab Cart for complete test station mobility. Each TM 504 Mainframe also comes equipped with front panel switch, tilt bail and a handle. An optional carrying case is available for transportation to and from the worksite.

ORDERING INFORMATION

TM 504 \$315
TM 504 Option 02 Interface Add \$100
TM 504 Option 07 Interface Add \$25

MAINFRAMES DIMENSIONS & WEIGHTS (without Plug-ins)

CABINET

	TM 501		TM 503		TM 504		TM 506		RTM 506		TM 515	
Dimensions	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm
Height	6.0	15.2	6.0	15.2	6.0	15.2	6.0	15.2	5.25	13.3	6.8	17.3
Width	3.9	9.9	8.7	22.1	12.0	30.5	17.4	44.2	19.0	48.3	15.0	38.1
Length	15.3	38.9	17.0	43.2	20.0	50.8	20.0	50.8	18.9	48.0	20.0	50.8
Weight (approx)	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
Net	5.4	2.4	9.5	4.3	18.5	8.4	29.0	13.2	32.0	14.4	22.5	10.2
Domestic Shipping	13.0	5.9	17.0	7.7	26.0	11.8	41.0	18.6	46.0	21.0	30.0	13.6

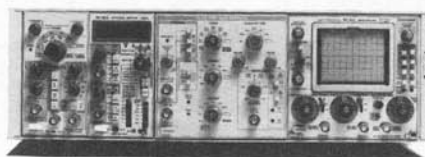


TM 515

The TM 515 Traveler Mainframe is designed to protect up to 5 separate instruments during transportation to and from the worksite. Included with this rugged mainframe are pop-off front and back covers which protect the instruments and also store accessories. The Traveler Mainframe will slide easily under an airline seat when traveling and comes equipped with a heavy duty handle and tilt bail.

ORDERING INFORMATION

TM 515 \$545
TM 515 Option 05 Interface Add \$75
With Option 06 48-440 Hz fan Add \$150
TM 515 Option 07 Interface Add \$25



TM 506

This mainframe can power up to 6 different plug-in's, providing a complete test station with one power cord. Like most TM 500 Mainframes, the TM 506 is available with the Option 02 which allows rear-interfacing of different modules, reducing front panel clutter.

ORDERING INFORMATION

TM 506 \$440
TM 506 Option 02 Interface Add \$150
TM 506 Option 07 Interface Add \$25



RTM 506

The RTM 506 is a rackmount version of the TM 506. It contains all the same features with the added front panel handles and rackmount rails for built-in configurable test stations. This mainframe saves you space and money in tight situations.

ORDERING INFORMATION

RTM 506 \$560
RTM 506 Option 02 Interface Add \$150

POWER REQUIREMENTS

Line Voltage Ranges — International Transformer: 100, 110, 120, 200, 220, 240 V ac, all within 10%; but not to exceed 250 V ac. Range changing for transformer accomplished with quick-change line-selector block.

Line Frequency Ranges — International Transformer: 48 Hz to 440 Hz.

NOTE: The ventilating fans on the TM 506 and TM 515 operate on 48-60 Hz only.

Power Consumption — Max primary power approx: 35 W for TM 501, 120 W for TM 503, 220 W for TM 504, 320 W for TM 506, and 240 W for TM 515. Actual power consumption depends on plug-in selection and operating modes.

SUPPLIES (UNREGULATED)

Shared by All Compartments — +33.5 V dc and -33.5 V dc. TM 501: 500 mA max. TM 503: 1 A max. TM 504: 1.4 A max. TM 506: 2.1 A max. TM 515: 1.8 A max.

Low Power Compartments — Two 25 V ac windings, 500 mA each supplied to each compartment, independently. 17.5 V ac and +11.5 V dc shared in any combination between these two supplies and among all low-power compartments. TM 501: 1 A max. TM 503 and TM 504: 3.6 A max. TM 506: 6.5 A max. TM 515: 6.5 A max.

High Power Compartments — (nearest to switch in TM 504 and TM 506): Two 25 V ac windings, 1 A each. 17.5 V ac and +11.5 V dc, 4 A max, shared in any combination between these two supplies.

TEMPERATURE RANGE

Operating — 0°C to +50°C.

Nonoperating — -40°C to +75°C.

ALTITUDE RANGE

Operating — To 15,000 ft.

Nonoperating — To 50,000 ft.