

TPS2000B Series



30-SECOND SELL

“The TPS2000B offers up to 4 isolated analog channels for making floating or differential measurements in a compact, benchtop form factor. It includes a battery pack offering up to 4 hours of battery life, and an optional power analysis software package and industry-best power probes for measuring power electronics and systems.”

PRODUCT HIGHLIGHTS

- 10X oversampling on all channels
- 4 isolated analog channels
- 11 automated measurements and FFT analysis
- Optional power analysis software



Safely and easily make floating measurements with the four isolated channels.



Battery pack gives you up to 4 hours of portable operation. Hot-swap the pack for 4 more hours!

MODELS	STOCK CODE	ANALOG CHANNELS	ANALOG BANDWIDTH	ANALOG SAMPLE RATE
TPS2012B	1877500	2	100 MHz	1 GS/s
TPS2014B	1877502	4	100 MHz	1 GS/s
TPS2024B	1877503	4	200 MHz	2 GS/s

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RECOMMENDED PROBES

Passive Voltage Probes

TPP0201	10X, 200 MHz, 300 V CAT II	1840970
TPP0101	10X, 100 MHz, 300 V CAT II	1840969
P2220	10X/1X, 200 MHz/6 MHz, 300 V CAT II/150 V CAT II	7984219

High Voltage Probes

P5150	50X, 500 MHz, 2500 V Peak, 1000 V RMS CAT II	2060970
P5122	100X, 200 MHz, 1000 V RMS CAT II	1824796

Current Probes

P6021A	60 MHz, 10.6 A RMS/250 A Peak/10 mA Min	2318654
P6022	120 MHz, 4 A RMS/100 A Peak/1 mA Min	7986882
A621	5 Hz to 50 kHz, 1000 A RMS/2000 A Peak/10 mA Min	7986866
A622	100 kHz, 100 A DC/71 A RMS/100 A Peak/10 mA Min	7986874
TCP2020	50 MHz, 20 A DC/20 A RMS/100 A Peak/10 mA Min	2318653

APPLICATION MODULES

TPS2PBND2	TPS2PWR1 Module and Four P5122 Probes	1825715
TPS2PWR1	Power Measurement and Analysis Module	7984189

RECOMMENDED ACCESSORIES

1103	TEKPROBE Power Supply	1817433
AC2100	Soft Carrying Case	7984223
TPSBAT	Additional Lithium-Ion Battery Pack (one included standard with instrument)	7984197
TPSCHG	External Battery Charger	7984200

RECOMMENDED SERVICE

SILV200	5-year Extended Warranty	2070367
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SHIPS WITH PRODUCT

- One TPP0101 100 MHz, 10X Passive Probe Per Analog Channel (TPS2012B & TPS2014B)
- One TPP0201 200 MHz, 10X Passive Probe Per Analog Channel (TPS2024B)
- OpenChoice® Desktop Software
- RS-232 to USB Adapter Cable
- One Lithium-Ion Battery with 4-hour Battery Life
- Calibration Certificate, Quick Reference Manual, & Documentation on CD
- Front Panel Cover, AC Adapter with Power Cord
- 3-year Warranty

ANOTHER PRODUCT FOR CONSIDERATION



For very accurate power measurements, the **PA1000** Power Analyzer offers 0.05% basic accuracy.

See page 86

TOOLS FOR THE CUSTOMER

 Data Sheet

 Virtual Tour

FOR MORE INFO VISIT TEK.COM/TPS2000

3 Reasons to Buy this Product

8 out of 10 engineers trust Tektronix for their innovative, high-quality oscilloscopes. Here are a few more reasons why this scope stands out from the rest.

- 1 The most trusted and best-selling isolated channel bench scope.
- 2 Power measurement software package for advanced design & debug of power electronics.
- 3 Lowest cost floating measurements up to 200 MHz.