TDS2000C Series

**MODELS** | **STOCK CODE** | **ANALOG CHANNELS** | **ANALOG BANDWIDTH** | **ANALOG SAMPLE RATE**
--- | --- | --- | --- | ---
TDS2001C | 1840961 | 2 | 50 MHz | 500 MS/s
TDS2002C | 1840962 | 2 | 70 MHz | 1 GS/s
TDS2004C | 1840963 | 4 | 70 MHz | 1 GS/s
TDS2012C | 1840965 | 2 | 100 MHz | 2 GS/s
TDS2014C | 1840966 | 4 | 100 MHz | 2 GS/s
TDS2022C | 1840967 | 2 | 200 MHz | 2 GS/s
TDS2024C | 1840968 | 4 | 200 MHz | 2 GS/s

**PRODUCT HIGHLIGHTS**

- 10X oversampling on all channels
- Bright color display
- 16 automated measurements and FFT analysis
- Built-in help system and probe check wizard
- Front-panel USB host port and rear-panel USB device port
- Lifetime Warranty
- TekSmartLab™ supported

**30-SECOND SELL**

“For trustworthy performance at the lowest cost, this scope is the industry’s most popular choice. And, it comes with a lifetime warranty.”

Accurately capture signals with at least 10X over-sampling on all channels with Digital Real-Time Sampling technology.

Easily check if your waveforms pass or fail your specifications with built-in waveform limit testing.
## RECOMMENDED PROBES

<table>
<thead>
<tr>
<th>Probes</th>
<th>Frequency</th>
<th>RMS Current</th>
<th>Peak Current</th>
<th>Min Current</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current Probes</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P6021A</td>
<td>60 MHz</td>
<td>10.6 A RMS</td>
<td>250 A Peak</td>
<td>10 mA Min</td>
</tr>
<tr>
<td>P6022</td>
<td>120 MHz</td>
<td>4 A RMS</td>
<td>100 A Peak</td>
<td>1 mA Min</td>
</tr>
<tr>
<td>A621</td>
<td>5 Hz to 50 kHz</td>
<td>1000 A RMS</td>
<td>2000 A Peak</td>
<td>10 mA Min</td>
</tr>
<tr>
<td>A622</td>
<td>100 kHz</td>
<td>1 A DC</td>
<td>71 A RMS</td>
<td>100 A Peak</td>
</tr>
<tr>
<td>TCP2020</td>
<td>50 MHz</td>
<td>20 A DC</td>
<td>20 A RMS</td>
<td>10 mA Min</td>
</tr>
</tbody>
</table>

| **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 | 7984219 |              |             |

| **High Voltage Probes** |          |             |              |             |
| P5200A | 500X/50X, 50 MHz, ±1300 V/±130 V | 1877508 |              |             |
| P5100A   | 100X, 500 MHz, 2500 V Peak | 1877507 |              |             |
| P6015A   | 1000X, 75 MHz, 20 kV Peak | 4352580 |              |             |

### RECOMMENDED ACCESSORIES

- 1103 TEKPROBE Power Supply | 1817433
- AC2100 Soft Carrying Case | 7984223

### SHIPS WITH PRODUCT

- One TPP0x01 100 MHz or 200 MHz, 10X Passive Probe Per Analog Channel
- OpenChoice® Desktop Software
- Calibration Certificate, Quick Reference Manual & Documentation on CD
- Power Cord
- Lifetime Warranty*1

*1 For complete details visit www.tektronix.com/lifetimewarranty

**ANOTHER PRODUCT FOR CONSIDERATION**

The TDS2000 Series is one of the most popular oscilloscopes of all time. It has a proven track record and comes with a lifetime warranty. We are pleased to continue to offer it.

For new applications, make sure you learn about:

**MSO/DPO2000B Series Oscilloscopes**

- 70, 100 and 200 MHz models
- 2 or 4 analog channels
- 16 digital channels (MSO models)
- 1 Mpoint record length
- Serial bus decoding and triggering options
- 5-year warranty

See page 10

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### 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. Only scope in its class with a Lifetime Warranty*.
2. This series has a very large installed base. If you have procedures or software built around these, you can easily buy replacements or expand your fleet.
3. Lightweight and compact form factor meets many applications.