Tektronix TDS 210 Quick Start

**Finding the basics**
If you’re not familiar with these, find a beginning oscilloscope tutorial.

**Reading the scales**

- **Power button**
- **Scaling and shifting controls**
- **Trigger knob**
- **Input connectors**

- **Vertical origin** (marked with channel number)
- **V/div** (volts per division) for each channel
- **M** (time per division) (M stands for main time base)
- **Trigger information**
How do I control the display?
Once you understand the front panel, using the oscilloscope is fairly intuitive.

First make sure you’re in the right menu:

Try the MENU buttons to watch the display change as you press each one.

Five control buttons are located just to the right of the display. If you want to change a menu item, press its control button.

What if I don’t see anything?
An AUTOSET button (upper right) usually finds your waveform.

What if I still don’t see anything?
Factory default settings are available by choosing SAVE/RECALL → Recall Factory.
Then try AUTOSET.
A couple more things

**Probe Settings** - Some probes attenuate the signal passing through them. Check that the oscilloscope setting matches your probes.

**CH 1** MENU (or **CH 2** MENU)
- Probe (cycle through choices)

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**YT (dual-channel) display format**

![YT Display Format](image)

**DISPLAY** MENU
- Format (cycle through choices)

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**XY (channel v. channel) display format**

![XY Display Format](image)

**DISPLAY** MENU
- Format (cycle through choices)

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**MEASURE** allows you to display quantities the 2012 can calculate from your waveform (frequency, rms amplitude, etc.)

**CURSOR** displays vertical or horizontal cursors you can position and displays the time or voltage between them.