



TM2000 Series Digital Storage Oscilloscope



- ✚ Easy to read with color or monochrome (NST) LCD display
- ✚ Dual channel, Bandwidth 25~200MHz
- ✚ Sample Rate (Real-time) 250MHz up to 1GSa/s, Equivalent Sampling 25GSa/s.
- ✚ 1M channel memory depth
- ✚ Standard Configuration: USB Device, USB Host, RS232
- ✚ Dimensions: 320mm(W) x 150mm(H) x 130mm(D)

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SPECIFICATIONS

| Feature | TM2025B/C | TM2042B/C | TM2062B/C | TM2102B/C |
|----------------------|--|----------------|---------------|---------------|
| Bandwidth | 25MHz | 40MHz | 60MHz | 100MHz |
| Rise Time | >=14ns | >=8.7ns | >=5.8ns | >=3.5ns |
| Sample Range | 500MS/s ~ 1GS/s (TM2025 series is 250MS/s) | | | |
| Vertical Sensitivity | 2mV ~ 5V/div | | | |
| Record Length (Max) | 1M | | | |
| Sample Rate | Real time 500MS/s ~ 1GS/s, Equivalent: 25GS/s | | | |
| Scan Time Base | 20ns ~ 50s/div | 10ns ~ 50s/div | 5ns ~ 50s/div | 5ns ~ 50s/div |
| Trigger Type | Edge, Pulse, Video and Alternate | | | |
| Automatic Waveform | 28 | | | |
| Ports | Standard: USB Device, USB Host (TM2025 series don't have this) | | | |
| Mathematics | Add, Subtract, Divide, Reverse and FFT | | | |
| Applications | College Education, R&D, Electronic product assemble line, Industrial | | | |
| Display | Monochrome LCD, 320 x 240 /64k, Full colour LCD, 320 x 240 | | | |

GENERAL CHARACTERISTICS

| | |
|----------------------|---|
| Power | 100 - 240VACRMS, 45Hz - 440Hz, CAT II |
| LCD Size | Diagonal 145mm (5.7 inches) |
| Product Color | Red and Grey, White and Grey |
| Product Net Weight | 2.5kg (Excluding packaging) |
| Product Size | 320mm(W) x 150mm(H) x 130mm(D) |
| Standard Accessories | Probe x 2 (1x, 10x switchable), Power Cord and English Manual |

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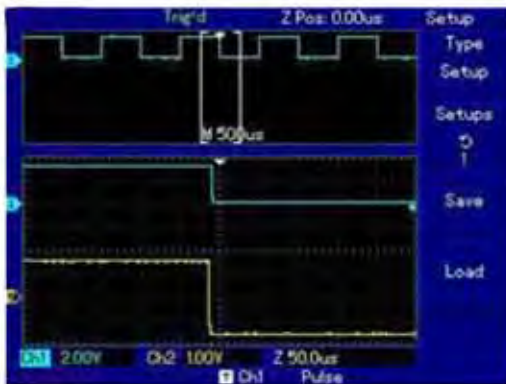
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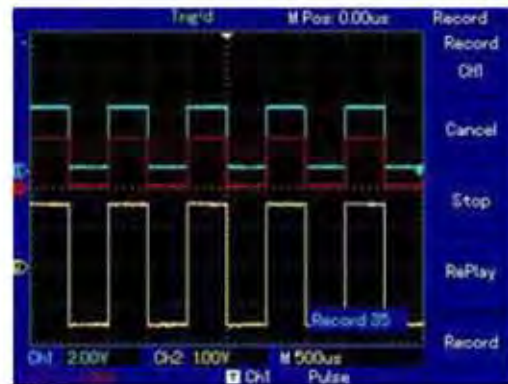


Powerful measurement functions

Waveform and Storage function

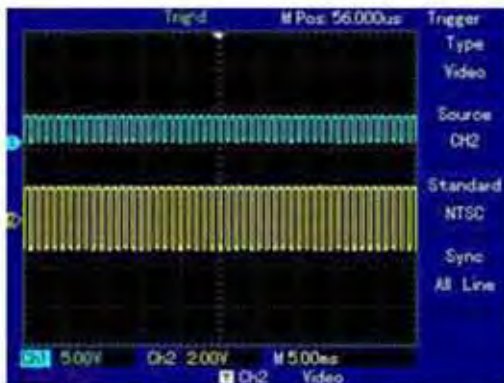


Waveform and REC function

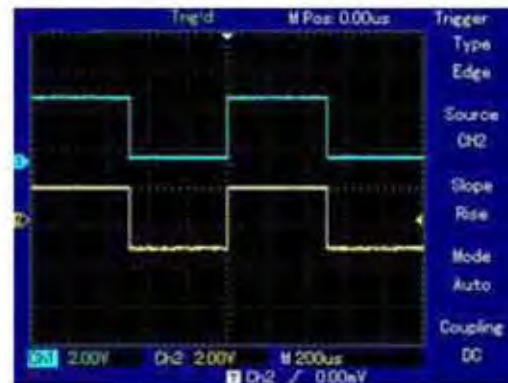


T trigger function

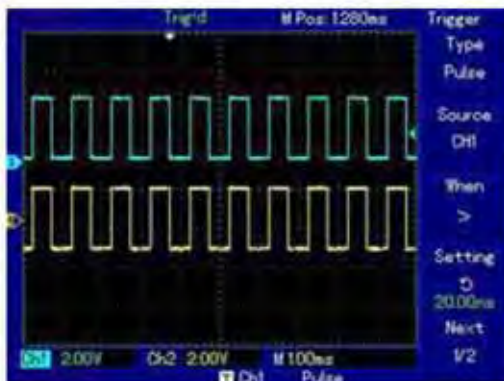
Video trigger



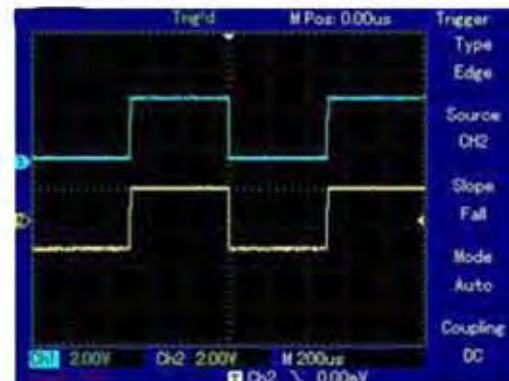
Ascend border trigger



Pulse breadth trigger



Descend border trigger



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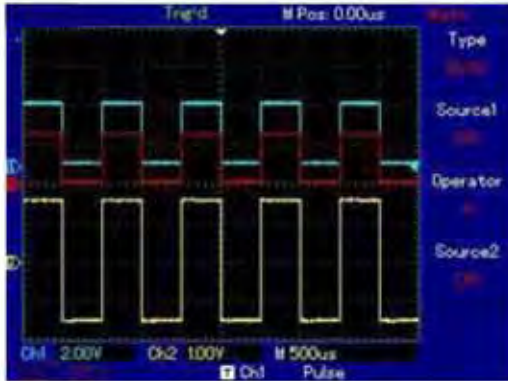
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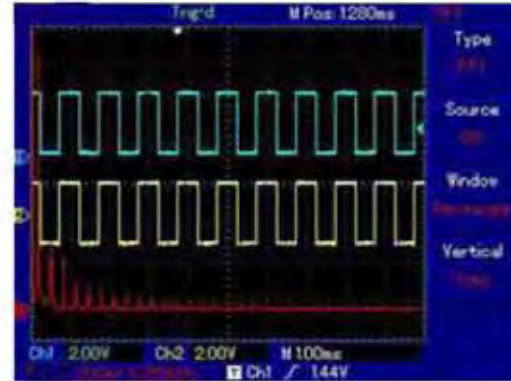
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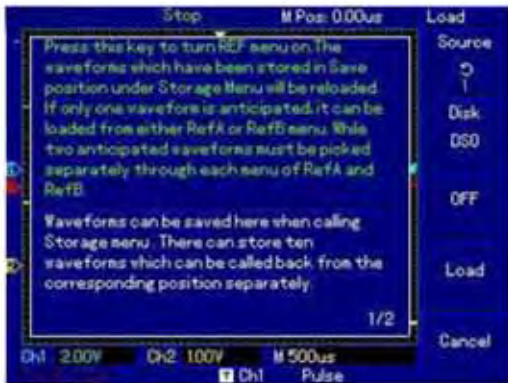
Math operation function



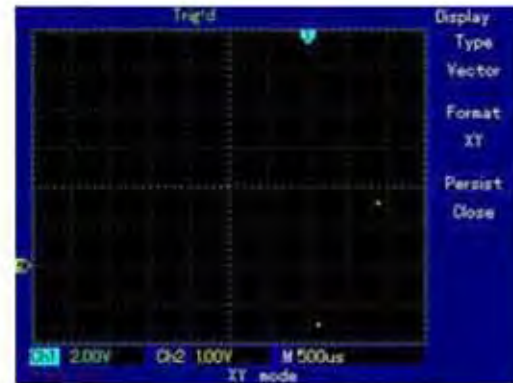
FFT Function



Menu assistent function



X₁²Y Mode



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