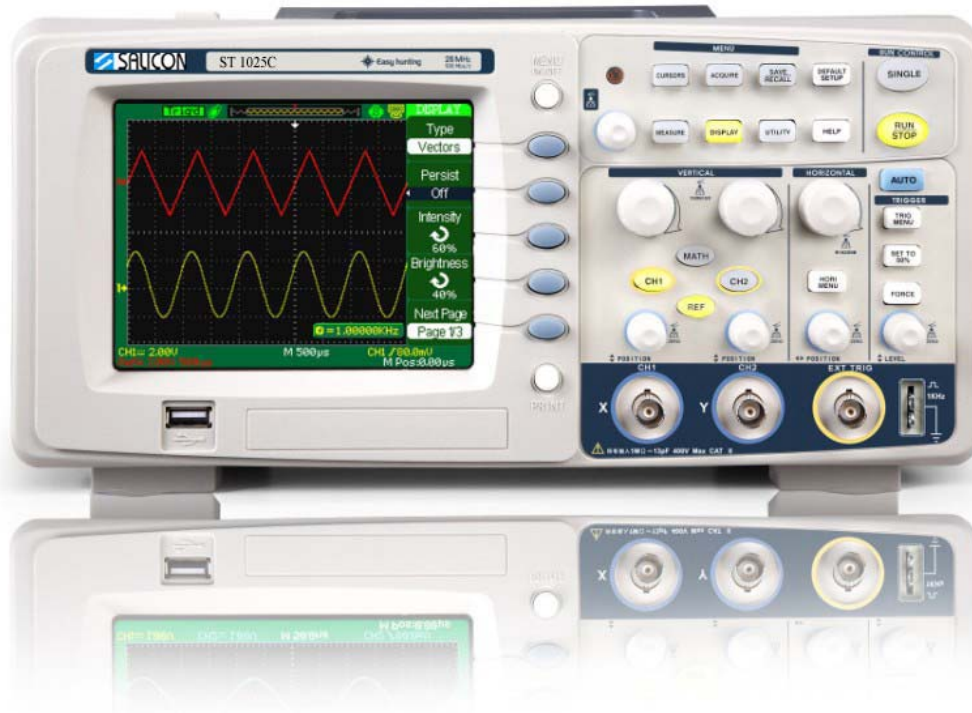


ST 1025C



As a premium player in the measurement industry, SALICON NANO TECHNOLOGY takes its own technical expertise to power research & development and developed with 1G sampling rate and many original technologies, such as Easy Hunting and so on. The first digital storage oscilloscope of this type is 2-4 times more precise in triggering than other sameclass products, which shocked the whole industry.

APPLICATION:

- electronic circuit design and modify
- industrial control and power measuring
- inspect instant signal
- production test
- high education
- service

FEATURES & ADVANTAGES:

- With the highest bandwidth 25MHZ, real time sampling rate 500MSa/s, equivalent sampling rate 10GSa/s
- Ultra slim, small volume, portable
- 3 types of cursor mode, 32 kinds of auto-measuring reference
- 5 triggering functions: edge, pulse, video, slope, alternative
- 2 groups of reference waveform, 20 groups of settings, 20 groups of waveform internal saving
- **Standard connection: USB Host; U memory saving and firmware updating; USB device; PC remote control and PictBridge printing; RS-232; Pass/Fail interface**

Salicon Nano Technology Pvt. Ltd.

111, 1st Floor, Laxmi Deep Tower, Laxmi Nagar District Center, Delhi - 110092, INDIA,
Tel: 91-11-22525940, 40618940; Fax; 91-11-22525941; E-mail: info@salicontech.com; Web: www.salicontech.com

TECHNICAL PARAMETERS:

Bandwidth	-	25MHZ
Channel	-	double channel plus one EXT trigger channel
Real time sampling rate	-	500MSa/s(single channel), 250M Sa/s(double channel)
Equivalent sampling rate	-	10G Sa/s
Memory depth	-	4K/CH
Rise time	-	<14ns
Input impedance	-	1MΩ 17pF
Time base range	-	25ns/div-50s/div Roll:100ms-50s/div
Vertical sensitivity	-	2mv-5v/div(1-2-5 sequence)
Vertical resolution	-	8bit
Trigger source	-	CH1, CH2, EXT, EXT/5, AC Line
Trigger types	-	Edge, pulse, video, slope, alternative
Math operation	-	+, -, *, /, FFT
Digital filter	-	High pass, low pass, band pass, band stop
Max input voltage	-	±400V Pk-Pk CAT 1
Internal save	-	2 groups of reference waveform, 20 groups of settings, 20 groups of waveform
External save	-	Bitmap save, CSV save, waveform save, setting save
Lasting	-	Turn off, 1s, 2s, 5s, infinite
Language	-	Simplified Chinese, Traditional Chinese, English, Russian, French, Japanese, Korean, German, Arabic, Spanish, Italian, Portuguese
Connection	-	USB Host, USB Device, RS-232, Pass/Fail out
Display	-	5.7 inches color TFT-LCD
Power	-	AC 100-240V, 47HZ-440HZ, 50VA Max

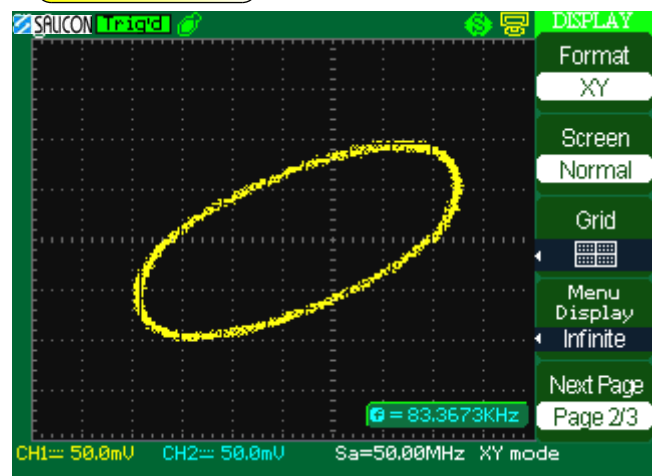
FUNCTIONS:

32 Measuring Types:



Measure 32 parameters automatically, Users can select each one separately.
32 parameters could display at the same time

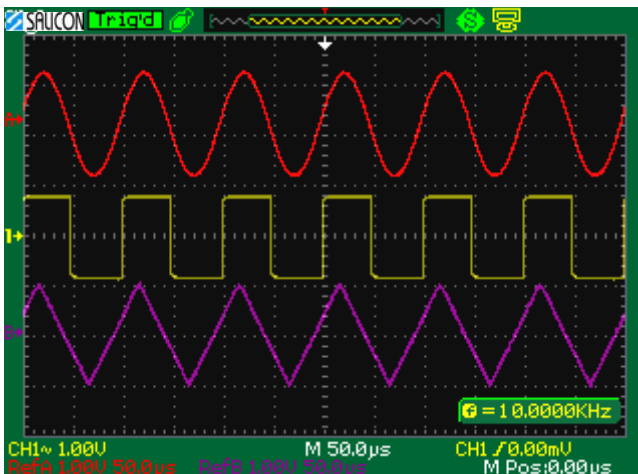
XY Mode Display:



Use XY format to analyze phase shift, the picture in this kind of mode formed by points.

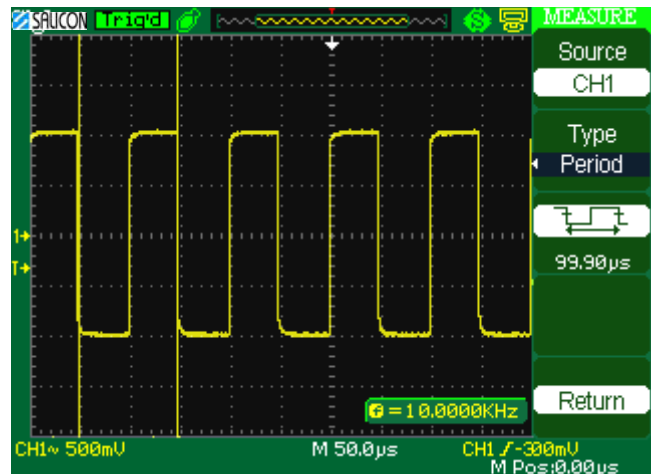
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Reference Waveform:



Can save two groups of reference waveform, and be able to open them at the same time. So the tested waveform and reference waveform can be compared.

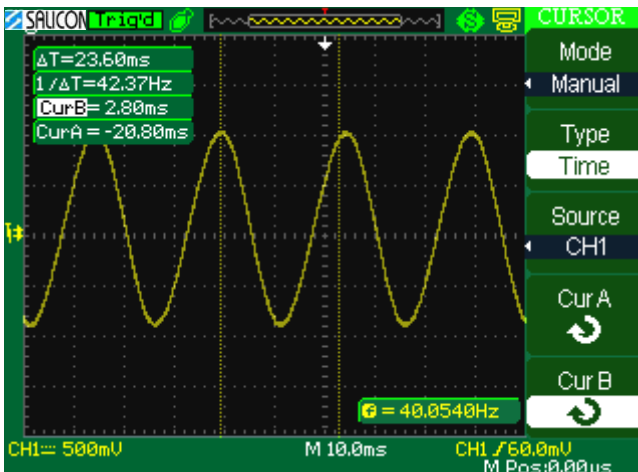
Auto-measuring:



System will adjust cursor position according to the change of selective auto-measuring parameter and calculate corresponding parameters value.

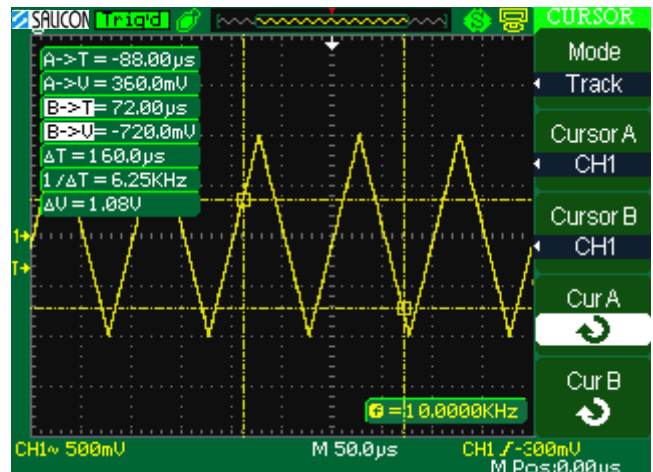
Cursor Mode:

Manual Mode:



Including: time and voltage measure. Adjust cursor space by hand to measure time and voltage.

Tracing Mode:

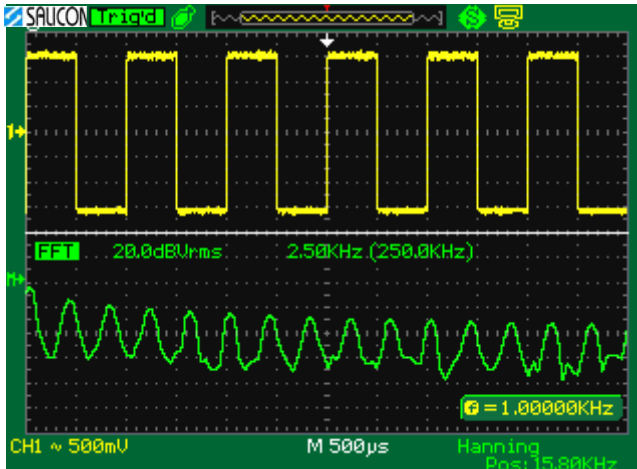


The cursor trace waveform automatically. Alter the horizontal position of cursor by rotating universal knob, and then the vertical position will change automatically

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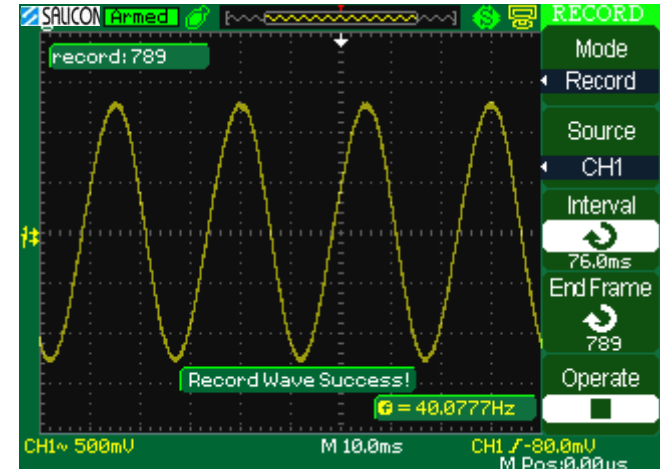
Powerful function

FFT separate display:



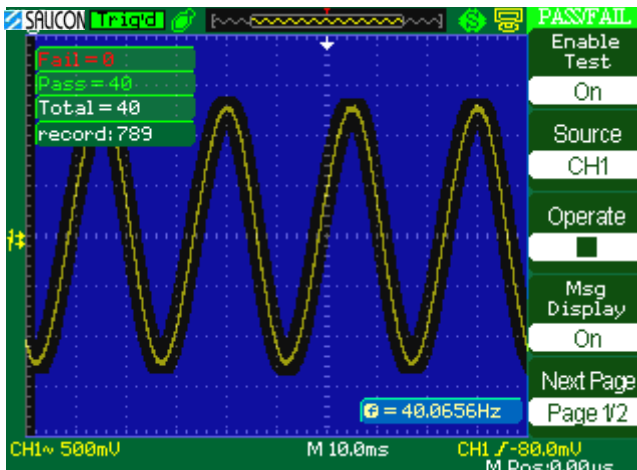
Can analyze signals in frequency area, channel waveform and FFT waveform display at the same time in one screen, making the waveform observed directly

Waveform save/recall:



The biggest waveform recording is up to 2500 frame, channel waveform and Pass/Fail waveform can be recorded too, and capture better waveform analysis effect through recall function.

PASS/FAIL:



Make signal mode for testing item of production line, improve testing efficiency, possess the control function of stopping while outputting

Turn off digital filter function:

