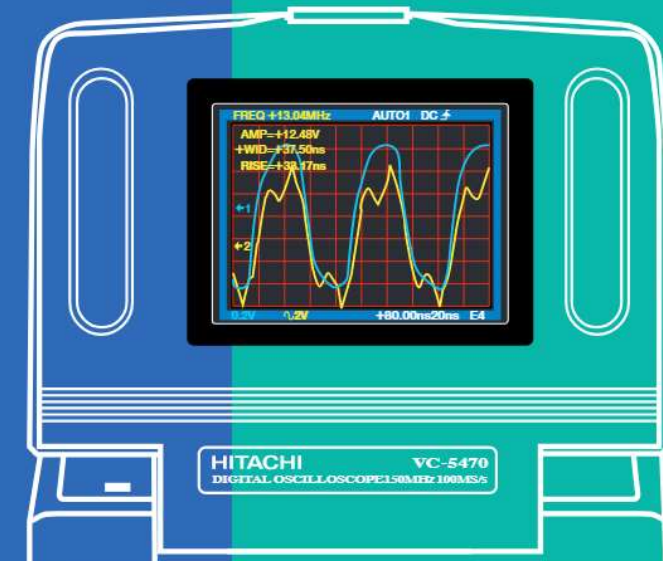
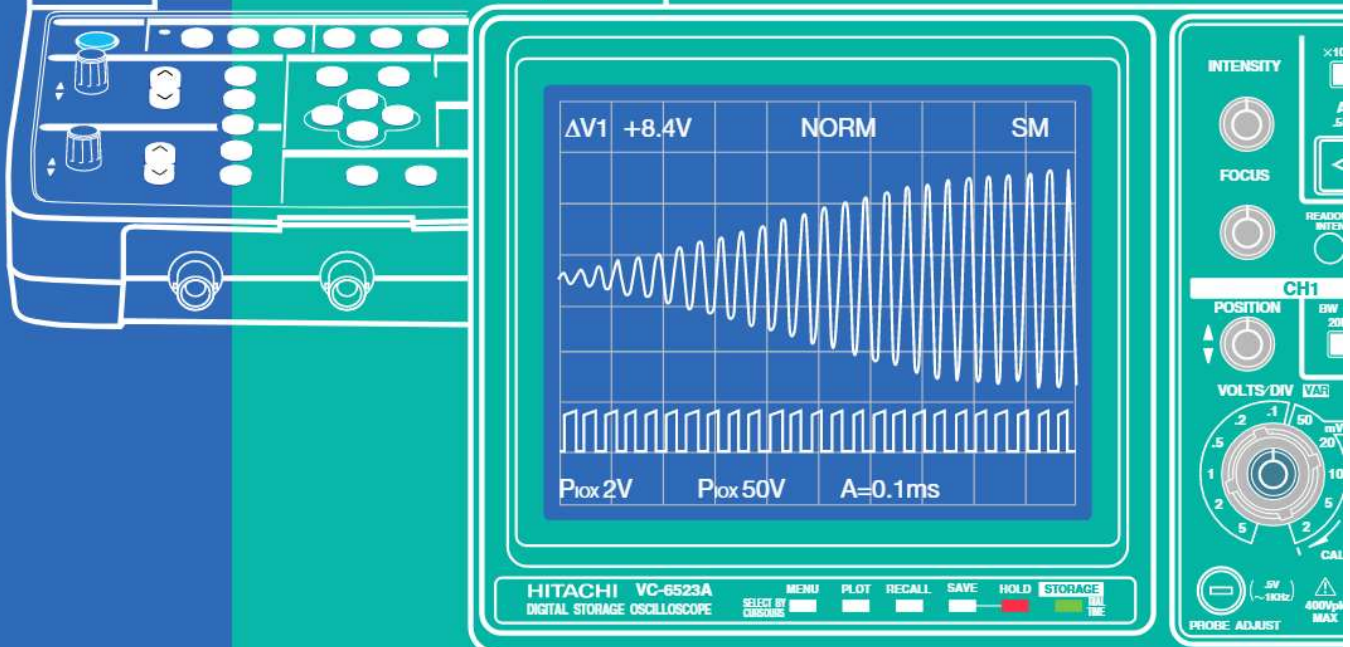


Hitachi Oscilloscopes



LCD OSCILLOSCOPE SERISE
RSO OSCILLOSCOPE SERISE
SCOPE DATA MANAGEMENT SOFTWARE
RTO OSCILLOSCOPE SERISE



Hitachi Denshi Technosystem

<http://www.htspro.co.jp/>

Contents

Digital Oscilloscope

Sub-notebook Size Color Digital Oscilloscope

VC-5470	100MS/s, 150MHz, 8kw, 2CH	€	5
VC-5460	60MS/s, 150MHz, 2kw, 2CH	€	5
VC-5430A	30MS/s, 50MHz, 2kw, 2CH	€	5
VC-5410A	15MS/s, 20MHz, 2kw, 2CH	€	5

RSO (Real-time & Storage Oscilloscope)

New Basic series RSO

VC-6745A	40MS/s, 100MHz, 4kw, 2CH	€	7
VC-6725A	20MS/s, 50MHz, 2kw, 2CH	€	7
VC-6724A	20MS/s, 50MHz, 2kw, 2CH	€	7
VC-6723A	20MS/s, 20MHz, 2kw, 2CH	€	7

Scope Data Management Software

SV-512M-UH/SV-612M-UH	9
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RTO(Real-time Oscilloscope)

New Basic Series RTO

V-1585	100MHz, 4CH, Delay, Cursor	€	10
V-1565	100MHz, 2CH, Delay, Cursor	€	10
V-1560	100MHz, 2CH, Delay	€	10
V-695	60MHz, 2CH, Delay, Cursor	€	10
V-555	50MHz, 2CH, Cursor	€	10
V-552	50MHz, 2CH	€	10
V-252	20MHz, 2CH	€	11

Oscilloscope Accessory

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Digital Oscilloscope Selection Table

Digital Oscilloscope / RSO (Real-time & Storage Oscilloscope)

Model	VC-5470	VC-5460	VC-5430A	VC-5410A	VC-6745A	VC-6725A	VC-6724A	VC-6723A
Display	4-inch TFT LCD	4-inch TFT LCD	4-inch TFT LCD	4-inch TFT LCD	6-inch CRT	6-inch CRT	6-inch CRT	6-inch CRT
Channels	2	2	2	2	2	2	2	2
Max. sampling rate	100MS/s	60MS/s	30MS/s	15MS/s	40MS/s	20MS/s	20MS/s	20MS/s
Full channel simultaneous sampling rate	100MS/s(2)	30MS/s(2)	30MS/s(2)	15MS/s(2)	20MS/s(2)	20MS/s(2)	100kS/s(2)	100kS/s(2)
Digital bandwidth	150MHz	150MHz	50MHz	20MHz	100MHz	50MHz	50MHz	20MHz
Analog bandwidth	—	—	—	—	100MHz	50MHz	50MHz	20MHz
Memory capacity (Standard)	8kwx2CH	2kwx2CH	2kwx2CH	2kwx2CH	4kw(1CH)	2wx2CH	2kwx2CH	2kwx2CH
Vertical resolution	8-bit	8-bit	8-bit	8-bit	8-bit	8-bit	8-bit	8-bit
Max. sensitivity V/div	1mV	1mV	1mV	1mV	2mV	2mV	1mV(x5)	1mV(x5)
Full programmable	YES	YES	YES	YES	—	—	—	—
Remote interface	USB	—	—	—	YES	YES	YES	YES
	RS-232C	YES	YES	YES	YES	—	—	—
Printer output	YES	YES	YES	YES	YES*	YES*	YES*	YES*
Plotter output	YES	YES	YES	YES	—	—	—	—
GO-NOGO comparison	YES	YES	YES	—	—	—	—	—
Parameter measurement	YES	YES	YES	YES	—	—	—	—
Cursor measurement	YES	YES	YES	YES	YES	YES	YES	YES
Frequency counter	—	—	—	—	YES	YES	—	—
Average	YES	YES	YES	YES	YES	YES	YES	YES
Save memory	25	100	100	10	2	2	2	2
Battery operation	YES	YES	YES	YES	—	—	—	—
TV line selector	YES	YES	—	—	—	—	—	—
Auto setup	YES	YES	YES	YES	—	—	—	—
Sweep time autoranging					YES	YES	—	—
Setup memory	10	10	10	10	—	—	—	—
Weight kg/lbs.	2/4.4	2/4.4	2/4.4	2/4.4	6.5/14.3	6.5/14.3	8.0/17.6	8.0/17.6
EMI regulation VDE0871 Class-B	Complied	Complied	Complied	Complied	Complied	Complied	Complied	Complied

Yes*: by using SV-612M-UH software, a hard copy is available via personal computer.

Oscilloscope Selection Table

RTO (Real-time Oscilloscope)

Model	V-1585	V-1565	V-1560	V-695	V-555	V-552	V-252	
Bandwidth	100MHz	100MHz	100MHz	60MHz	50MHz	50MHz	20MHz	
Channels	4	2	2	2	2	2	2	
Display	6-inch CRT	6-inch CRT	6-inch CRT	6-inch CRT	6-inch CRT	6-inch CRT	6-inch CRT	
Delayed sweep	YES	YES	YES	YES	—	—	—	
Max. sweep rate s/div	5ns(x10)	5ns(x10)	5ns(x10)	5ns(x10)	20ns(x10)	20ns(x10)	100ns(x10)	
Max. sensitivity V/div	2mV	2mV	2mV	2mV	1mV(x5)	1mV(x5)	1mV(x5)	
Cursor measurement	YES	YES	—	YES	YES	—	—	
Frequency counter	YES	YES	—	YES	—	—	—	
Sweep time autoranging	YES	YES	YES	YES	—	—	—	
Auto trigger level	YES	YES	YES	YES	—	—	—	
A/B independent trigger	YES	—	—	—	—	—	—	
Trigger Lock	YES	YES	YES	YES	—	—	—	
TV trigger	YES	YES	YES	YES	YES	YES	YES	
Alternate magnification	—	—	—	—	YES	YES	—	
DC offset	—	—	—	—	YES	YES	—	
Weight kg/lbs.	7/15.4	6/13.2	6/13.2	6/13.2	7/15.4	6.5/14.3	6/13.2	
Battery operation	—	—	—	—	—	—	—	
Safety standard	CE	Conformed	Conformed	Conformed	Conformed	Conformed	Conformed	Conformed
	UL	Listed	Listed	Listed	Listed	Listed	Listed	—
	CSA	—	Certified	Certified	Certified	Certified	Certified	Certified
	IEC	Certified	Certified	Certified	Certified	Certified	Certified	Certified
EMI regulation VDE0871 Class-B	Complied	Complied	Complied	Complied	Complied	Complied	Complied	

Sub-notebook Size Color Digital Oscilloscope

Digital Oscilloscopes in the Flat Format, Incorporating the Latest developments in LCD Display Technology, Have Appeared on the Market.



VC-5470 100MS/s(2-CH simultaneously)
150MHz Bandwidth, 8kword/CH



VC-5460 60MS/s(1CH),30MS/s(2-CH simultaneously)
150MHz Bandwidth, 2kword/CH



VC-5430A 30MS/s(2-CH simultaneously)
50MHz Bandwidth, 2kword/CH



VC-5410A 15MS/s(2-CH simultaneously) 20MHz
Bandwidth, 2kw/CH,

Battery Operation with Advanced Power Management

- Resume mode allows user to power off and recall previous mode when power is turned back on.
- Alarm mode allows user to turn the VC-5400 on at preset times and/or intervals for automated data collection.
- Auto power-off mode and standby (display only) mode allow user to minimize battery drain.

New Low Profile Sub-notebook [Size • Package • Form Factor] for Excellent Portability

- Fits in standard briefcase or tool kit case.
- Optional case for hands-free operation and shipping/traveling available.

High Performance Active Color LCD Display

- High speed refresh to improve waveform update rate.
- Provides High intensity rivaling that of CRT scopes.
- Waveform, setting values, cursors, measurement values are displayed with color-coding for each channel individually, enabling easy identification.
- Longer data memory allows viewing of complex signal detail.

- The LCD display is immune to the effects of magnetic fields.

Easy Operation

- Easy one button access to autoset, hardcopy, or recall waveforms and front panel setup.
- Analog settings such as position and trigger level are made using easy-to-operate rotating knob.
- Autoset allows one button automatic signal capture and set-up on one or two channels.
- The VC-5400 series features 10 front panel setups.

Wideband input of up to 150MHz(VC-5470/5460), 50MHz (VC-5430A) and 20MHz(VC-5410A), enables measurement of today's applications in the field.

High-speed Sampling at up to 100MS/s (VC-5470) 60MS/s (VC-5460), 30MS/s(VC-5430A) and 15MS/s(VC-5410A), enables observation of high-speed one-time events.

The VC-5400 series feature dual A/D's which allow accurate timing measurements between channels.

Sub-notebook Size Color Digital Oscilloscope

RS-232C and Centronics Interface to connect to a computer and to make hardcopies.

- Using the RS-232C interface, it is possible to connect to a computer, enabling waveform data, parameter measurements, and instrument setting transfers.
- Hardcopy can be made on most laser and dot matrix printers that support HP Thinkjet™, HP-GL™ or ESC/P™(Epson FX compatible) graphic protocol.

Benchtop Performance You Can Take to the Field

- TV-H, TV-V, and TV-LINE (VC-5470/VC-5460) triggering.
- Up to 100 waveforms can be stored in memory.
- Any 4 of 17 waveform parameters can be measured.
- GO-NOGO comparison for capturing intermittent conditions or pass/fail signals (VC-5470/5460/5430A).
- Differential input and differential triggering.

Main Specifications

Display Type	4-inch color TFT LCD(with CFL backlighting)
Vert. Resolution	8 bits
Sensitivity	1mV/div to 5V/div (12 ranges)
Accuracy	±3% (5% in 1mV and 2mV/div)
Bandwidth(-3dB)	VC-5470/5460: DC to 150MHz VC-5430A: DC to 50MHz VC-5410A: DC to 20MHz
Input channels	CH1, CH2, EXT
Input withstand voltage	400V (DC+ACpeak at 1kHz)
Safety input voltage	42Vpk (DC+ACpeak at 1kHz)
Maximum sampling rate	VC-5470: 100MS/s(2-channel simultaneously) VC-5460: 60MS/s(1-channel display) 30MS/s(2-channel simultaneously) VC-5430A: 30MS/s(2-channel simultaneously) VC-5410A: 15MS/s(2-channel simultaneously)
Maximum equivalent sampling rate	VC-5470: 12.5GS/s VC-5460: 15GS/s VC-5430A/5410A: 6GS/s
Acquisition memory capacity	VC-5470: 8 kw/channel VC-5460/5430A/5410A: 2 kw/channel
Sweep time	VC-5470/5460: 2ns/div to 50s/div VC-5430A: 5ns/div to 50s/div VC-5410A: 20ns/div to 50s/div
Pre-/post-trigger	+10 div to -400 div
Trigger source	CH1, CH2, DIFF(differential), EXT
Trigger mode	AUTO, NORM, TV-V, TV-H, TV-L (line selector, VC-5470/5460)
Trigger coupling	DC, AC, HFrej, LFrej
Averaging	Exponential averaging
Calculation functions	Addition, subtraction, polarity inversion

Cursor measurements	ΔV , ΔT , $1/\Delta T$
Pulse parameter	4 of the following 17 pulse parameters Freq., period, rise, fall, +width, -width, duty, min., max., p-p, base, top, ampl., preshoot, overshoot, rms, average
Waveform save/recall	Up to 100 (10 for VC-5410A, 25 for VC-5470) waveforms with battery backup
Setup save/recall	10 panel setup with battery backup
Timer function (except VC-5410A)	Power can be switched on automatically at a specified time
I/O Interface	RS-232C and Centronics
Panel control	Programmable from an external personal computer via the RS-232C
Printer output	Hardcopies can be generated using various printers.
Plotter output	RS-232C or Centronics
Outer dimensions	184(W)×259(D)×62(H)mm, 7.2×10.2×2.4 ins.
Weight	Approx. 2kg (including battery)
Power supply	Dedicated AC adapter, internal battery, or external battery pack (option)
Power consumption	VC-5470: 15W (typical) VC-5460: 12W (typical) VC-5430A/5410A: 10W (typical)
Internal battery	NiCd battery, automatically charge Operating time: VC-5470/5460: 1 hours (Approx.) VC-5430A/5410A: 2 hours (Approx.)
Standard Accessories	AC adapter(1), Probe (2), Operation manual(1)

Options

Carrying Case No.7305



Battery pack AD-5400

Scope Data Management Software SV-512M-UH

Connecting Cables

RS-232C cable	For IBM PC	No.4315
	For plotter	No.4314
Centronics cable	For general-purpose printers	No.4316

New Basic Series RSO (Real-time & Storage Oscilloscope)

High-Speed Sampling and Wideband RSOs (Real-time & Storage Oscilloscope) Usable as both Analog Real-time Oscilloscope and Digital Storage Oscilloscope



- Usable both real-time oscilloscope and digital storage oscilloscope.
- Exclusive one-shot and intermittent phenomena are simple to capture using the digital storage function.
- Using the pretrigger function, it is possible to observe the rising edge of a waveform which occurs before the trigger occurs.
- Even non-repeating events can be observed as clean waveform using the digital storage function.
- Low-speed phenomena can be observed as a trace using the digital storage function (roll mode).
- Averaging can be used to reduce noise, thereby creating a display of just the signal of interest.
- Captured waveform can be saved internal memory and recalled for comparison.
- The USB interface can be used to transfer stored waveform data to an external computer.
- A readout functions provides CRT display of setting values.
- Two cursors can be used to make accurate measurements of voltage, time, and frequency.
- After a waveform is stored, it can be displayed in expanded form with interpolation (linear or sine).
- Using sweep time autoranging, the sweep rate setting automatically optimized in accordance with the input signal frequency (VC-6745A/6725A).
- Trigger lock hold the sum of the holdoff time and sweep time for stable trigger of complex pulse trains (VC-6745A/6725A).
- The frequency of the channel selected as the trigger signal is automatically counted (VC-6745A/6725A)

New Basic Series RSO (Real-time & Storage Oscilloscope)

Options

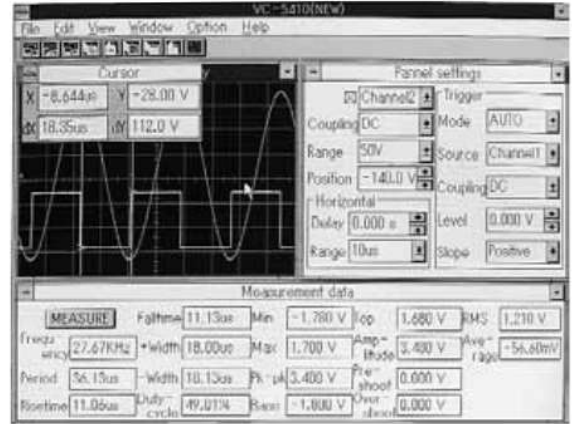
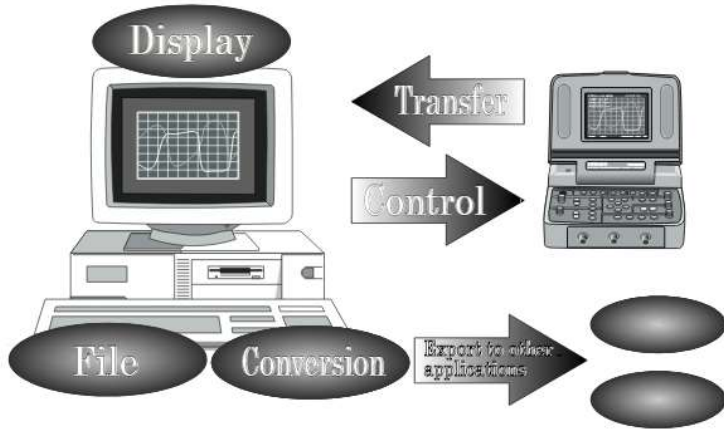
Front Cover	Accessory Pouch
	
No.6806: VC-6724A/6723A No.6809: VC-6745A/6725A	No.6708: VC-6745A/6725A No.6710: VC-6724A/6723A
Dust Cover	Viewing Hood
	
No.6512: VC-6724A/6723A No.6519: VC-6745A/6725A	B.655: all models

Main Specifications

	VC-6745A/6725A	VC-6724A/6723A
CRT	6-inch	6-inch
Acceleration potential	VC-6745A: 17 kV VC-6725A: 12 kV	VC-6724A: 12 kV VC-6723A: 2 kV
Real time bandwidth	VC-6745A: 100 MHz VC-6725A: 50 MHz	VC-6724A: 50 MHz VC-6723A: 20 MHz
V sensitivity	2 mV to 5 V/div	5 mV to 5 V/div (1 mV/div with x5)
Sweep time (Real-time)	Main: 50 ns to 0.5 s/div ±2% Delayed: 50 ns to 50 ms/div±2%	0.2 μs to 0.2 s/div±3%
Max. sweep rate	5 ns/div (x10)	VC-6724A: 20 ns/div(x10) VC-6723A: 100 ns/div(x10)
Max. equivalent sweep rate	2 GS/s	500 MS/s
Trigger mode	AUTO, NORM, TV-V, TV-H, SINGLE	AUTO, NORM, TV-V, TV-H
Trigger source	INT(CH1, CH2), LINE, EXT(AC,DC,DC+10)	INT(CH1, CH2, V-MODE), LINE, EXT
Max. sampling rate	VC-6745A: 40 MS/s(1CH), 20 MS/s(2CH simultaneously) VC-6725A: 20 MS/s(2CH simultaneously)	20 MS/s
Storage bandwidth	Single shot: DC to 5 MHz Repetitive: DC to 100 MHz (VC-6745A) DC to 50 MHz (VC-6725A)	Single shot: DC to 5MHz Repetitive: DC to 50MHz (VC-6724A) DC to 20MHz (VC-6723A)
Memory capacity	VC-6745A: 4000 w(1CH), 2000 w (2CH), 1000 w (repetitive) VC-6725A: 2000 w(2CH), 1000 w (repetitive)	2000 w (2CH), 1000 w (repetitive)
Save memory	1000 w x 2 with baked-up	1000 w x 2
External I/O	USB	USB
Hardcopy	Printer output via PC using SV-612M-UH	Printer output via PC using SV-612M-UH
Power supply	90 to 250 V, 48 to 440 Hz	100/120/220/240 V±10%, 50/60 Hz
Power consumption	Approx. 50 W	Approx. 50 W
Dimensions	275(W) x 130(H) x 360(D) mm, 10.8 x 5.1 x 14.1 ins.	310(W) x 130(H) x 370(D) mm, 12.2 x 5.1 x 14.5 ins.
Weight	6.5 kg, 14.1 lbs.	8 kg, 17.6 lbs.
Standard accessories	Probe (2), AC Power cord (1) SV-612M-UH, USB cable (1) Fuse (1), Operation manual (1)	Probe (2), AC power cord (1) SV-612M-UH, USB cable (1) Fuse (1), Operation manual (1)

Scope Data Management Software

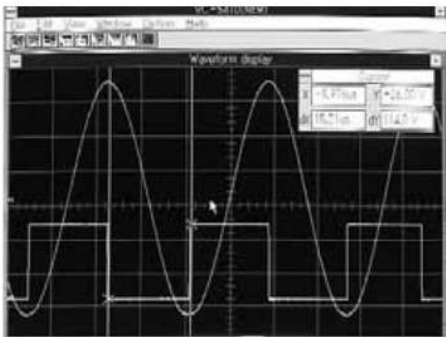
The separately sold software enables the sending from the personal computer of panel control, waveforms, setting conditions, and measurements.(SV-512M-UH for color digital oscilloscope, SV-612M-UH for RSO)



- Control of basic oscilloscope settings from a personal computer. (except SV-612M-UH)
- Transfer and display (expandable) of oscilloscope waveform data and cursor measurements.
- Transfer and display of 17 waveform parameters.
- Conversion (TIFF, BMP, PCX) and storage of displayed waveform.
- Conversion and storage of waveform data and setting values in text format files (CSV, TXT, PRN, LOTUS 1-2-3).
- Storage and recall/setup of oscilloscope setting conditions. (except SV-612M-UH)



Example of opening a text-format file with Microsoft Excel



Waveform only display



Example of importing an image file to Microsoft Word file

Operating Environment

Computer	IBM PC-AT Compatible
Operating System	Microsoft Windows, 98 - XP
CPU	Intel Pentium
RAM	8MB or more
Hard Disk	4MB or more
Interface	RS-232C (SV-512M-UH) USB (SV-612M-UH)
Display	VGA (640x480 dots) or better [XGA(1024x768 dots) or greater recommended]

Applicable Models

- SV-512M-UH**
 Laptop Color Digital Oscilloscope
 VC-5810 (100MS/s, 150MHz, 64kw/CH, 4CH)
 VC-5850 (500MS/s, 300MHz, 256kw/CH, 2CH)


- Sub-Notebook Color Digital Oscilloscope**
 VC-5410A (15MS/s, 20MHz, 2kw/CH, 2CH)
 VC-5430A (30MS/s, 50MHz, 2kw/CH, 2CH)
 VC-5460 (60MS/s, 150MHz, 2kw/CH, 2CH)
 VC-5470 (100MS/s, 150MHz, 8kw/CH, 2CH)

- SV-612M-UH (USB)**
 New Basic series RSO (Real-time & Storage Oscilloscope)
 VC-6745A (40MS/s, 100MHz, 2kw/CH, 2CH)
 VC-6725A (20MS/s, 50MHz, 2kw/CH, 2CH)
 VC-6724A (20MS/s, 50MHz, 2kw/CH, 2CH)
 VC-6723A (20MS/s, 20MHz, 2kw/CH, 2CH)


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 Lotus 1-2-3 is a registered trademark of the Lotus Corporation in the US.
 Pentium is a trademark of Intel in the US.

New Basic Series RTO (Real-time Oscilloscope)

Designed to Provide the Basics in Waveform Observation • • • • •
Easy Operation, Quality, Reliability and Stability




V-1585 DC to 100MHz, 4 channels, Delayed sweep, Cursor Measurement, CRT readout, Frequency counter, Sweep time autoranging, Trigger lock



V-1565 DC to 100MHz, 2 channels, Delayed sweep, Cursor Measurement, CRT readout, Frequency counter, Sweep time autoranging, Trigger lock



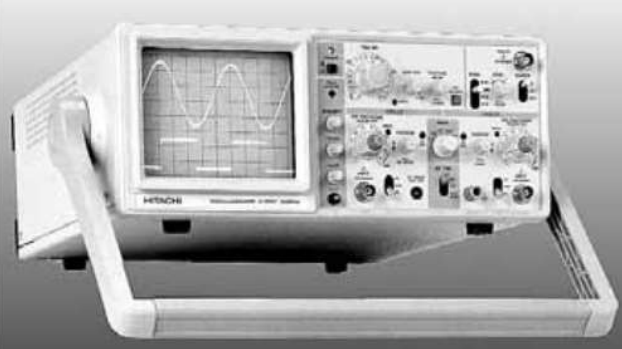
V-1560 DC to 100MHz, 2 channels, Delayed sweep, CRT readout, Frequency counter, Sweep time autoranging, Trigger lock



V-695 DC to 60MHz, 2 channels, Delayed sweep, Cursor Measurement, CRT readout, Frequency counter, Sweep time autoranging, Trigger lock



V-555 DC to 50MHz, 2 channels, Cursor measurement, CRT readout, DC offset, Alternate magnification



V-552 DC to 50MHz, 2 channels, DC offset, Alternate magnification

New Basic Series RTO (Real-time Oscilloscope)



V-252 DC to 20MHz, 2 channels

Options

Front Cover	Accessory Pouch
No.6806: V-1585/555/552/252 No.6809: V-1565/1560/695	No.6704: V-1585/555/552/252 No.6708: V-1565/1560/695
Dust Cover	Viewing Hood
No.6512: V-1585/555/552 No.6519: V-1565/1560/695 No.6513: V-252	B-655: all models

Easy Operation

- Direct readings of measured values are extremely simple and accurate (V-1585/1565/695/555).
- Sweep time autoranging automatically optimizes the sweep time (V-1585/1565/1560/695).
- Auto-trigger level automatically optimizes the trigger level variable range (V-1585/1565/1560/695).
- Lightweight portable design with large 6 inch CRT.

Quality, Reliability and Performance

- Manufactured in ISO9001 position.
- Low failure rate, achieved by active application of past failure feedback data.
- Provides high performance with delayed sweep (V-1585/1565/1560/695), TV sync trigger, frequency counter (V-1585/1565/695), cursor readout (V-1585/1565/685/555), trigger lock (V-1585/1565/1560/695), auto trigger level (V-1585/1565/1560/695), DC offset (V-555/552), and alternate magnification (V-555/552).

Main Specifications

	V-1585	V-1565/1560/695	V-555/552/252
CRT	6-inch	6-inch	6-inch
Acceleration potential	17kV	V-1565/1560: 17kV V-695: 12kV	V-555/552: 12kV V-252: 2kV
Bandwidth (-3dB)	DC to 100MHz	V-1585/1560: DC to 100MHz V-695: DC to 60MHz	V-555/552: DC to 50MHz V-252: DC to 20MHz
Vertical sensitivity	2mV to 5V/div $\pm 2\%$	2mV to 5V/div $\pm 2\%$	5mV to 5V/div $\pm 3\%$ (1mV/div with $\times 5$)
Input impedance	1M Ω /23pF	1M Ω /23pF	1M Ω /25pF
Input withstand voltage	400V(DC+ACpeak at 1kHz)	400V(DC+ACpeak at 1kHz)	300V(DC+ACpeak at 1kHz)
Bandwidth limiter	20MHz	V-1565/1560: 20MHz V-695: 10MHz	Not provided
Sweep time	Main: 50ns/div to 0.5s/div $\pm 2\%$ Delayed: 50ns/div to 50ms/div $\pm 2\%$	Main: 50ns/div to 0.5s/div $\pm 2\%$ Delayed: 50ns/div to 50ms/div $\pm 2\%$	0.2 μ s/div to 0.2s/div $\pm 3\%$
Max. sweep rate	5ns/div	5ns/div	V-555/552: 20ns/div V-252: 100ns/div
Display mode	A, ALT, B	A, ALT, B	A only
Trigger mode	A trigger: AUTO, NORM, TV-V, TV-H, SINGLE B trigger: AUTO, NORM	AUTO, NORM, TV-V, TV-H, SINGLE	AUTO, NORM, TV-V, TV-H
Trigger source	VC-6645: INT(CH1, CH2, CH3, CH4), LINE, ALT (CH1/CH2)	INT(CH1, CH2), LINE, EXT(AC,DC,DC \pm 10)	INT(CH1, CH2, V-MODE), LINE, EXT
Power supply	90 to 250V, 48 to 440Hz	90 to 250V, 48 to 440Hz	100/120/220/240V $\pm 10\%$, 50/60Hz
Power consumption	42W	40W	35W
Dimensions	310(W) \times 130(H) \times 370(D)mm 12.2 \times 5.1 \times 14.5 ins.	275(W) \times 130(H) \times 360(D)mm 10.8 \times 5.1 \times 14.1 ins.	310(W) \times 130(H) \times 370(D)mm 12.2 \times 5.1 \times 14.5 ins.
Weight	7kg, 15.4 lbs.	6kg, 13.2 lbs.	V-555/552: 6.5kg, 14.3 lbs. V-252: 6kg, 13.2 lbs.
Standard accessories	Probe (2), AC power cord (1), Fuse (1), Operation manual (1)	Probe(2), AC power cord (1), Fuse (1), Operation manual (1)	Probe (2), AC power cord (1), Fuse(1), Operation Manual(1)

Oscilloscope Accessory

	Model	Attenuation	Frequency range	Applicable models
Voltage Probe	AT-10CY1.5	10:1, 1:1 switchable	10: DC to 50MHz	VC-5430A, VC-5431, VC-5410A, VC-6525/6725A, VC-6524/6724A, VC-6523/6723A, V-555, V-552, V-252, V-509, V-209
			1:1 DC to 6MHz	
	AT-10CP1.5	10:1, 1:1 switchable	10: DC to 100MHz	VC-6645, VC-6555, VC-6545/6745A, V-1585, V-1565, V-1560, V-695
			1:1 DC to 6MHz	
	AT-10CW1.5	10:1, 1:1 switchable	10:1 DC to 150MHz	VC-7524, VC-7504, VC-7502, VC-5810, VC-5470, VC-5460
1:1 DC to 6MHz				
AT-10CU1.5	10:1, 1:1 switchable	10:1 DC to 300MHz	VC-5850	
		1:1 DC to 6MHz		
AT-100AM1.5	100:1, 10:1 switchable	100:1 DC to 20MHz	Applicable for all models, but bandwidth is limited	
		10:1 DC to 40MHz		

	Model	Applicable models
Battery Pack	AD-5400	VC-5470, VC-5460, VC-5430A, VC-5410A, VC-5431
	AD-509	V-509
	AD-209	V-209
Shoulder belt	No.8101	V-509, V-209
Carrying case	No.7305	VC-5470, VC-5460, VC-5430A, VC-5410A, VC-5431
	No.7308	VC-5850, VC-5810
Accessory pouch	No.6702	V-509, V-209
	No.6704	V-1585, V-555, V-552, V-252
	No.6708	VC-6645, VC-6545/6745A, VC-6525/6725A
	No.6710	VC-6524/6724A, VC-6523/6723A, VC-6145
Viewing hood	B-354	V-509, V-209
	B-655	VC-6645, VC-6555, VC-6545/6745A, VC-6525/6725A, VC-6524/6724A, VC-6523/6723A, V-1585, V-1565, V-1560, V-695, V-555, V-552, V-252
Front cover	No.6804	V-509, V-209
	No.6806	VC-6645, VC-6524/6724A, VC-6523/6723A, V-1585, V-555, V-552, V-252
	No.6809	VC-6555, VC-6545/6745A, VC-6525/6725A, V-1565, V-1560, V-695
Dust cover	No.6511	V-509, V-209
	No.6512	VC-6524/6724A, VC-6523/6723A, V-1585, V-555, V-552
	No.6513	V-252
	No.6519	VC-6545/6745A, VC-6525/6725A, V-1565, V-1560, V-695
	No.6522	VC-6645
	No.6524	VC-6555
	No.6525	VC-7524, VC-7504, VC-7502

	Model		Applicable Models	
Interface cable	No.4274	GPIB	VC-7524, VC-7504, VC-7502, VC-5850, VC-5810	
	No.4287	RS-232C	Oscilloscope to plotter	
	No.4314	RS-232C	VC-5400 series to plotter	VC-7524, VC-7504, VC-7502, VC-6645, VC-6555, VC-6545, VC-6525, VC-6524, VC-6523
	No.4315	RS-232C	VC-5400 series to IBM PC	VC-5470, VC-5460, VC-5430A, VC-5410A, VC-5431
	No.4316	Centronics	VC-5000 series to printer	VC-5470, VC-5460, VC-5430A, VC-5410A, VC-5431
	No.4320	RS-232C	VC-5800 series to IBM PC	VC-5850, VC-5810
	No.4321	RS-232C	VC-5800 series to Plotter	VC-5850, VC-5810
Printer paper	No.9001	5 rolls	VC-7524, VC-7504, VC-7502	
IC memory card	ML-512TB4N 512KB		VC-7524, VC-7504, VC-7502, VC-5850, VC-5810	
	ML-1M-TB4N 1MB		VC-7524, VC-7504, VC-7502, VC-5850, VC-5810	
	ML-2M-TB4N 2MB		VC-7524, VC-7504, VC-7502, VC-5850, VC-5810	
	ML-4M-TB4N 4MB		VC-7524, VC-7504, VC-7502, VC-5850, VC-5810	



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Specification are subject to change without notice

