



A

AC, 8–5, C–15, 7–8
Acquisition Memory, 7–1, C–4
 9304C/9310C/9314C Series,
 A–1
 9344C/9350C/9354C Series,
 A–7
 9370C/9374C Series, A–14
 9384C Series, A–21
Acquisition Modes, 6–2, 7–5
 9304C/9310C/9314C Series,
 A–2
 9344C/9350C/9354C Series,
 A–9
 9370C/9374C Series, A–15
 9384C Series, A–22
Acquisition Summary, 5–2, 5–4,
 6–3, 7–9, 16–1
Acquisition Summary field, 4–9
ADC (Analog-to-Digital
 Converter), 2–1, 7–1, 7–2, 7–8
Aliasing, C–5, C–17
Altitude, 3–1
 9304C/9310C/9314C Series,
 A–6
 9344C/9350C/9354C Series,
 A–13
 9370C/9374C Series, A–19
 9384C Series, A–26
Amplitude, 12–21, 14–6, D–5
 in FFT, 10–18
Area, D–5
Arithmetic Setup, 10–8
ASCII, 13–1, 13–2, 13–3, E–1
ASCII Formats, A–6, A–13, A–19,
 A–26, E–1, E–2, E–3, E–4, E–
 5, E–9, E–10, E–11, E–12, E–
 13, E–14, E–15
AUTO, 6–2, 7–9
AUTO SETUP, 4–3, 6–1
 9304C/9310C/9314C Series,
 A–3
 9344C/9350C/9354C Series,
 A–11

 9370C/9374C Series, A–17
 9384C Series, A–23
Auto-Calibration, 12–19
 9304C/9310C/9314C Series,
 A–6
 9344C/9350C/9354C Series,
 A–13
 9370C/9374C Series, A–19
 9384C Series, A–26
Auto-Store, 12–9, 13–2
Average Setup, 10–9
Averaging, B–3

B

Bandwidth, 5–3, 5–5
 9304C/9310C/9314C Series,
 A–1
 9344C/9350C/9354C Series,
 A–7
 9370C/9374C Series, A–14
 9384C Series, A–21
Bandwidth Limiter
 9344C/9350C/9354C Series,
 A–8
 9370C/9374C Series, A–15
 9384C Series, A–22
Bandwidth Limiting (BWL), 5–3,
 5–5
Base, D–1, D–2, D–5
Battery, 12–10
 9304C/9310C/9314C Series,
 A–6
 9344C/9350C/9354C Series,
 A–13
 9370C/9374C Series, A–19
 9384C Series, A–26
Baud Rate, 12–6
Bi-level. *See* Window Pattern
 Trigger
Binary, 13–1, 13–2
Block Diagram, 2–5
BMP, 12–2, 12–8, A–5, A–13, A–
 19, A–26
Boolean AND, 8–22

C

- Cabling
 - PC, 12–6
 - Printer, 12–5
- CAL BNC Setup, 12–1, 12–21
- CAL/BNC, 14–13
- Calibration, 2–2, 5–4, 12–19, 12–21
 - 9304C/9310C/9314C Series, A–6
 - 9344C/9350C/9354C Series, A–13
 - 9370C/9374C Series, A–19
 - 9384C Series, A–26
- Capture information, 4–9
- Capture Time, 10–17
- Centroids, D–1
- Centronics, 12–2, 12–3
- CHANGE PARAM, 14–9, 14–10
- CHANGE PARAMETERS, 14–8
- Channel Pairing, 7–4, 7–5, 7–8
- Channel Use, 7–8
- Channels, 6–1
 - 9304C/9310C/9314C Series, A–1
 - 9344C/9350C/9354C Series, A–7
 - 9370C/9374C Series, A–14
 - 9384C Series, A–21
- CHANNELS, 4–3, 5–1
- Circuit Failures
 - testing for using Exclusion Trigger, 8–12
- Cleaning and Maintenance, 3–3
- CLEAR INACTIVE menu, 16–5
- CLEAR SWEEPS, 4–7, 10–3, 10–4, 10–13, 11–7, 14–6, 14–7, 14–8
- Clock
 - 9304C/9310C/9314C Series, A–2
 - 9344C/9350C/9354C Series, A–9
 - 9370C/9374C Series, A–16
 - 9384C Series, A–22
- Clock Edge, 14–12, D–4
- Coherent Gain, C–17
- Combining Channels, 2–1, 7–4, 7–5, 7–8, 10–5
- Conformity, 3–1
- Continuous Averaging, 10–3, 10–9
- Controls
 - Menu buttons and knobs, 4–3
- COPY FILES, 12–18
- Copying files between storage media, 12–10
- Coupling, 5–4, 8–4, 8–30, 8–33
- COUPLING, 5–2, 5–3
- Coupling Menus, 5–3
- Cursors
 - 9304C/9310C/9314C Series, A–5
 - 9344C/9350C/9354C Series, A–12
 - 9370C/9374C Series, A–19
 - 9384C Series, A–25
 - Absolute, 14–1, 14–2, 14–3
 - Amplitude, 14–1
 - Difference, 14–3
 - in FFT (Fast Fourier Transform), C–12
 - Persistence, 14–1
 - Reference, 14–3
 - Relative, 14–1, 14–2, 14–3
 - Time, 14–1
- CURSORS/MEASURE, 4–6, 14–3
- Custom Parameters, 14–4, 14–8, 14–9, 14–10, 14–11, 14–12
- Cycles, D–5
 - in parameter measurements, D–2
- Cyclic Mean, D–5
- Cyclic Median, D–5
- Cyclic Parameters, D–3
- Cyclic Root Mean Square, D–5
- Cyclic Standard Deviation, D–6

D

- Data, D-6
- Data density, D-1
- Data Edge, 14-12
- Data Format, 13-3
- Data Maps, 12-12
- DC, 8-5, C-15
- DC Accuracy
 - 9344C/9350C/9354C Series, A-8
 - 9370C/9374C Series, A-15
 - 9384C Series, A-22
- DC Offset
 - compensating for, 10-14
- Deadtime
 - 9304C/9310C/9314C Series, A-2
 - 9344C/9350C/9354C Series, A-9
 - 9370C/9374C Series, A-15
 - 9384C Series, A-22
 - reducing it using Sequence Mode, 7-4
- Decimation
 - in FFT, 10-19
- Delay, D-6
- DELAY, 6-3
- Deleting Files, 12-9
- Differential Time Measurements, D-3
- Digital Filters, 10-10
- Digitizers
 - 9304C/9310C/9314C Series, A-1
 - 9344C/9350C/9354C Series, A-7
 - 9384C Series, A-21
- Directory, 12-7, 12-11, 12-15, 12-16, 12-17
- Disk Density, 12-13
- Display, 2-2
 - 9304C/9310C/9314C Series, A-4
 - 9344C/9350C/9354C Series, A-11
 - 9370C/9374C Series, A-17
 - 9384C Series, A-24
 - on-screen sections and fields, 4-9
 - Standard Persistence, 11-7
- DISPLAY, 4-6, 11-1, 11-6, 11-7
- Display Scaling, 10-19
- Display Setup, 11-1
 - Persistence, 11-7
- Displayed Trace Label, 4-9, 10-3, 10-19, 11-1
- Distortion
 - FFT, C-4
- DO RECALL, 13-4, 13-5, 14-19
- DO STORE, 13-2
- DOS. *See* UTILITIES:Mass Storage
- Dot Join, 11-6, 11-7, 11-9
- Dropout Trigger, 8-27, 8-37
 - 9304C/9310C/9314C Series, A-3
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-23
- Duration, D-7
- Duty, D-7
- Dynamic Range
 - improving it, C-6

E

- ECL/TTL gain, 5-3
 - Edge Trigger, 8-1, 8-2, 8-3, 8-4, 8-5, 8-8, 8-9
 - Edge Trigger with Hold-off, 8-5
 - Edge Trigger with Hold-off by Events, 8-7
 - Edge Trigger with Hold-off by Time, 8-6
 - Edge-Qualified Trigger, 8-21, 8-25, 8-36
 - Edge-Qualified Trigger with Wait, 8-24
 - Electricity, 3-3
 - ENBW, C-17
-



Enhanced Resolution, 10–10
Enhanced Resolution Filtering, B–1, B–2, B–3, B–4, B–5, B–6, C–6
Enhanced Resolution Setup, 10–10
Envelope, 10–11
Events, 8–7, 8–9
 Trigger Hold-off by, 8–7
Excel, E–2
Exclusion Trigger, 8–10, 8–12, 8–13
 9304C/9310C/9314C Series, A–3
 9344C/9350C/9354C Series, A–10
 9370C/9374C Series, A–16
 9384C Series, A–23
Expansion Factor, 12–3
EXT, 8–4
External Clock, 7–5, 7–6
Extrema, 10–3, 10–11

F

Fall, D–2
Fall 80–20 %, D–7
Fall at Level, D–7
Fall time, 14–7, D–2, D–7
Falling edge, 14–11
FET Probes, 5–5
FFT (Fast Fourier Transform), 10–17, 10–18, 11–1, C–1, C–8, C–9, C–17
FFT (Fast Fourier Transform) menus, 10–12, 10–13
FFT Algorithms, C–14
FFT Average Setup, 10–13
FFT Error Messages, C–13
FFT Interruption, 10–12
FFT result menu, C–10, C–11
FFT Span, 10–17, 10–18, 10–19, 10–20, 10–21
FFT Windows, 10–12, C–5, C–6, C–11, C–17, C–19, C–20

Fields, 8–34
File, 13–5, 14–19
File Deleting, 12–9
File Naming, 12–8, 12–9, 12–15, 12–16
File Transfers, 12–10
Files, 12–7, 12–9, 12–10, 12–12, 12–14, 12–18, 15–3
Fill, 12–9
Filters, B–1, B–2, C–3, C–4, C–18
FIND, 5–1
FIR (Finite Impulse-Response) filter, B–1, B–2, C–6
Firmware, 12–19
First, D–8
FLASH UPDATE, 12–19
Floor, 10–11
 in extrema waveforms, 10–3
Floppy Disk, 12–7, 12–9, 12–10, 12–11, 12–12, 12–13, 12–15, 13–1, 13–2, 13–5, 14–19, 15–1, 15–2
 9304C/9310C/9314C Series, A–5
 9344C/9350C/9354C Series, A–13
 9370C/9374C Series, A–19
 9384C Series, A–25
for Math use max points menu, 10–18, C–9
FORMAT FLOPPY, 12–13
Format Hard Disk, 12–14
Frequency, 6–1, 12–1, 12–21, B–2, C–1, C–3, C–4, C–5, C–9, C–12, C–15, C–20, D–8. *See also* Waveform Processing (frequency)
Frequency bins, C–18
Frequency Range, C–18
 9304C/9310C/9314C Series, A–1
 9344C/9350C/9354C Series, A–7
 9370C/9374C Series, A–14
 9384C Series, A–21

Frequency Resolution, 10–17, C–2, C–8, C–11, C–19
Frequency Span, 10–18, 10–19, C–8
Front-panel Controls, 4–3
Fuses, 3–3

G

Glitch Trigger, 8–10, 8–11, 8–29, 8–30
Global BWL. *See* Bandwidth Limiting. *See* Bandwidth Limiting
 GPIB, 2–3, 4–7
 GPIB and RS232, 12–1, 12–2, 12–3
 GPIB and RS-232-C
 9304C/9310C/9314C Series, A–5
 9370C/9374C Series, A–19
 9384C Series, A–25
 GPIB Port, 12–5, A–5, A–19, A–25
 GPIB/RS232 Setup, 12–1, 12–6
 Graphics Files, 12–2
 Grid intensity, 11–6, 11–7, 11–9
 Grid selection, 11–2
 Grids, 11–9
 Dual, 11–3
 Parameter Display, 11–4
 Quad, 11–3
 selecting, 11–6, 11–7
 Single, 11–2
 XY Dual, 11–5
 XY only, 11–4
 XY Single, 11–5
 Ground and Trace Level markers, 4–9

H

Hard Disk, 12–7, 12–10, 12–14, 12–15, 13–1, 13–2, 13–5, 14–19, 15–1, 15–2
Hardcopy, 2–2

9304C/9310C/9314C Series, A–6
9344C/9350C/9354C Series, A–13
9370C/9374C Series, A–19
9384C Series, A–26
 Expansion factor, 12–3
Hardcopy Setup, 12–1, 12–2, 12–3
Harmonics, C–2, C–5
HDD (portable hard disk), 12–7, 12–14, 12–15, 13–2, 13–5, 14–19, 15–1, 15–2
HF
 in Triggering, 8–5
High-Frequency Triggering, 8–5
Histogram Setup, 10–15
Histograms, D–1
 9304C/9310C/9314C Series, A–5
 9344C/9350C/9354C Series, A–12
 9370C/9374C Series, A–18
 9384C Series, A–25
Holdoff, 8–33
Hold-off, 8–5, 8–9, 8–20
Hold-off by Time, 8–6
Humidity, 3–1
 9304C/9310C/9314C Series, A–6
 9344C/9350C/9354C Series, A–13
 9370C/9374C Series, A–19
Hysteresis, 14–11, 14–12, D–4

I

Input Coupling
 9304C/9310C/9314C Series, A–2
 9344C/9350C/9354C Series, A–8
 9370C/9374C Series, A–15
 9384C Series, A–22
Input Impedance, 5–4

- 9304C/9310C/9314C Series, A-2
 - 9344C/9350C/9354C Series, A-9
 - 9370C/9374C Series, A-15
 - Interfacing
 - 9304C/9310C/9314C Series, A-5
 - 9344C/9350C/9354C Series, A-13
 - 9370C/9374C Series, A-19
 - 9384C Series, A-25
 - Interleaving, 7-2, 7-4, 7-8
 - Internal Memory, 13-1, 13-4, 13-5, 15-1
 - 9304C/9310C/9314C Series, A-5
 - 9344C/9350C/9354C Series, A-12
 - 9370C/9374C Series, A-18
 - 9384C Series, A-25
 - Internal Printer Setup, 12-3
 - Interval Trigger, 8-13, 8-14, 8-15, 8-16, 8-17, 8-32
- L**
- Last, D-8
 - Leading Edge, D-2
 - Leakage, C-5, C-11, C-19
 - LEVEL, 6-3, 8-1
 - LINE, 8-4
 - Lobes, C-2, C-5, C-17, C-19
 - Low-Frequency Triggering, 8-5
 - Low-pass Filtering, B-2, B-4, C-6
- M**
- Magnitude, C-4, C-6, C-10, C-15, C-16
 - Maintenance, 1-2
 - Mask Testing, 14-13, 14-17, 14-18, 14-19
 - Mass Storage, 12-7, 12-15, 12-16, 12-18
 - MASS STORAGE, 12-10, 12-12, 12-14
 - Math Functions, 9-1, 10-2, 10-6, 10-14, 10-17, 10-18, 10-19
 - Speeding them up, 10-5
 - MATH SETUP, 9-2
 - Math Type menu, C-11
 - Mathcad, E-1, E-9, E-13, E-14
 - MathCad \square , 13-3
 - MATLAB, E-1, E-10, E-15
 - MATLAB TM , 13-3
 - Maxima
 - in extrema waveforms, 10-3
 - Maximum, D-8
 - Maximum Input
 - 9304C/9310C/9314C Series, A-2
 - 9344C/9350C/9354C Series, A-9
 - 9370C/9374C Series, A-14, A-15
 - 9384C Series, A-22
 - Maximum Sample Rate
 - 9304C/9310C/9314C Series, A-1
 - 9370C/9374C Series, A-14
 - 9384C Series, A-21
 - Maximum Sampling Rate, 7-2
 - Mean, D-8
 - MEASURE, 14-14
 - Median, D-9
 - Medium-to-High-Frequency Triggering, 8-5
 - Memories, 2-1, 13-1, 13-4, 13-5, 15-1, 15-2
 - Memory, C-4, C-12
 - Memory Card, 12-7, 12-10, 12-15, 13-1, 13-2, 13-5, 14-19, 15-1, 15-2
 - Memory Used/Available Summary, 16-5
 - Menu buttons and knobs, 4-3
 - Menu Options, 4-5

Menu-Entry buttons, 4-4, 4-6, 4-7, 9-2, 11-1, 12-1, 13-1, 13-4, 14-3

Menus
moving through them, 4-4, 4-6

Mesial, D-2

Message Field, 4-9

Minima
in extrema waveforms, 10-3

Minimum, D-9

MORE VERSION
INFORMATION, 16-2

Multi-Zoom, 10-6

N

NEW DIRECTORY, 12-17

Noise Reduction, 10-3, B-2, B-6

NORM, 6-2, 7-8, 10-3

Number of points, 7-5, C-14, C-19

Nyquist Frequency, 10-18, 10-19, B-2, C-4, C-5, C-9, C-12, C-19

O

OFFSET, 5-1

Offset behavior, 7-9, 12-1, 12-19

Offset Range, A-8
9304C/9310C/9314C Series,
A-1

9344C/9350C/9354C Series,
A-8

9370C/9374C Series, A-15
9384C Series, A-21

Offset scaling, 6-1

Operand, 10-8

Operating Environment, 3-1, A-6,
A-13, A-19, A-26

Operator, 10-8

Options installed
information on, 16-2

OR interval, 8-32

Output Formats, A-6, A-13, A-19, A-26

Over +, D-9

Over -, D-9

Overflow, B-3

Overload, 3-3, 5-3, 5-5

Oversampling, B-1

Overvoltage, 3-1

P

Packing and Shipment, 1-3

PANEL SETUPS, 4-7, 15-1, 15-2, 15-3

Parameter Categories, 14-9, 14-10

Parameter Display, 11-4

Parameter symbols, 14-4

Parameters, 10-3, 10-15, 14-4,
14-6, 14-7, 14-8, 14-9, 14-10,
14-11, 14-12, 14-13, 14-14,
14-15, 14-16, 14-17, 14-18,
14-20, D-1, D-5, D-6, D-7,
D-8, D-9, D-10, D-11

Parity, 12-6

Pass/Fail Testing, 12-21, 14-4,
14-13, 14-14, 14-15, 14-16,
14-17, 14-18, 14-20

Pattern Trigger, 8-18, 8-19, 8-20,
8-31, 8-33

9344C/9350C/9354C Series,
A-10

9370C/9374C Series, A-17

9384C Series, A-23

PC, 12-6, 12-7

9304C/9310C/9314C Series,
A-5

9344C/9350C/9354C Series,
A-13

9370C/9374C Series, A-19

9384C Series, A-25

PCMCIA. *See* UTILITIES:Memory
Card

Peak Detect, 7-2, 7-5

9344C/9350C/9354C Series,
A-9



9370C/9374C Series, A-15
9384C Series, A-22
Peak-to-Peak, 14-6, D-9
Period, D-9
Periodic Signals, C-6
Persist for
 selecting persistence
 duration, 11-8
Persistence, 11-8, 11-9, 14-1
Persistence data maps
 memory allocation, 16-5
Persistence Display, 11-1
Persistence duration, 11-8
Persistence Setup, 11-7, 11-8
Phase, C-10, D-9
Phase Response, B-2
Picket Fence Effect, C-4, C-20
Points, D-9
Pollution Degree, 3-1, A-6, A-13,
 A-20, A-26
POSITION, 9-2, 10-6
Post-Trigger, 6-3
Power, 3-3
 9304C/9310C/9314C Series,
 A-6
 9344C/9350C/9354C Series,
 A-13
 9370C/9374C Series, A-19
 9384C Series, A-26
Power Average, C-16
Power Averaging, 10-13
Power Density, 10-12, C-10, C-
 16
Power Density Spectrum, C-4,
 C-20
Power On
 Self-Test, 3-3
Power Spectrum, 10-12, C-4, C-
 10, C-16, C-20
Precise Timing Measurements,
 10-1
Pre-Trigger, 6-3
Printers, 12-2, 12-3, 12-5
 9304C/9310C/9314C Series,
 A-5

9344C/9350C/9354C Series,
 A-13
9370C/9374C Series, A-19
9384C Series, A-26
Probe Attenuation, 5-3
Probe Calibration, 5-4
Probes, 5-4, 5-5
9304C/9310C/9314C Series,
 A-3
9344C/9350C/9354C Series,
 A-11
9370C/9374C Series, A-17
9384C Series, A-23
ProBus, 5-5
Processing Functions
 9370C/9374C Series, A-18
Processing Functions
 9304C/9310C/9314C Series,
 A-4
 9344C/9350C/9354C Series,
 A-12
 9384C Series, A-24
Processors, 2-1
Pulse Width, 8-14, 8-29, 8-30,
 8-31

Q

Qualifications
 in Triggering, 8-2
Qualified Triggers, 8-21, 8-22, 8-
 35, 8-36
 9304C/9310C/9314C Series,
 A-3
 9344C/9350C/9354C Series,
 A-10
 9370C/9374C Series, A-16
 9384C Series, A-23
Qualifier. *See* Qualified Triggers

R

Real Time Clock field, 4-9
Real, Real + Imaginary, Imaginary
 FFT, C-10

RECALL W'FORM, 13-4, 13-5
Recalling Setups, 15-2, 15-3
Record, 7-6
Record Length
 maximising it, C-8
Record up to, 7-5, 7-6, 7-9
Reducing Noise, 10-3, B-2, B-6
Reference Memories, 10-5
Relative Mode. See
 Cursors:Relative
Relative Time Cursors, 10-1
Remote Control, 2-3
Remote Enable, 4-5
Rescale Setup, 10-16
RESET, 9-2, 10-1
Reset (General Instrument), 4-10
Resolution, B-1, B-2, B-3
Resolution Bandwidth
 in FFT, 10-17
Return, 1-3
RETURN, 4-4, 4-6
RIS (Random Interleaved
 Sampling), 2-2, 7-1, 7-2, 7-5,
 8-27
 9304C/9310C/9314C Series,
 A-2
 9370C/9374C Series, A-15
 9384C Series, A-22
 AUTO, 6-2
 SNGL, 6-3
 STOP, 6-2
Rise, D-2
Rise 20-80 %, D-10
Rise at Level, D-10
Rise time, 14-7, D-2, D-10
Rising edge, 14-11
Roll Mode, 7-1, 7-3
 9304C/9310C/9314C Series,
 A-2
 9344C/9350C/9354C Series,
 A-9
 9370C/9374C Series, A-16
 9384C Series, A-22
 AUTO, 6-2
 NORM, 6-2
 SNGL, 6-3
 STOP, 6-2

Roof, 10-11
 in extrema waveforms, 10-3
Root Mean Square (rms), 14-6,
 D-2, D-11
RS-232-C, 2-3, 4-7
RS-232-C Connector Pin
 Assignments, 12-5
RS-232-C Port, 12-5, A-5, A-19,
 A-25

S

Safety, 3-1, A-6, A-13, A-20, A-
 26
Safety Symbols, 3-1
Sample Clock, 7-5, 7-6, 7-8
Sampling, 7-1, 7-6, 7-8
 FFT, C-1
Sampling Modes, 7-1
Sampling Period
 in FFT, 10-18
Sampling Rate, 7-3, 7-5, B-1
Sampling thresholds, 7-6
Saving Setups, 15-1
Scale Factors
 9304C/9310C/9314C Series,
 A-1
 9344C/9350C/9354C Series,
 A-8
 9370C/9374C Series, A-14
 9384C Series, A-21
Scaling, 6-1
 in FFT, 10-19
Scallop Loss, C-4, C-17, C-20
SCREEN DUMP, 4-7, 12-2
Screen Intensity
 Grid, 11-6, 11-7, 11-9
 Waveform and Text, 11-6,
 11-7, 11-9
Segments, 6-2, 7-1, 7-3, 7-5, 7-
 6, 7-8, 10-3, 10-6
 9304C/9310C/9314C Series,
 A-2
SELECT ABCD, 9-1
SELECT CHANNEL, 5-1
Self-Test, 3-3



- Sensitivity
 - 9304C/9310C/9314C Series, A-1
 - 9344C/9350C/9354C Series, A-8
 - 9370C/9374C Series, A-14
 - 9384C Series, A-21
 - Sequence, 7-8
 - 9304C/9310C/9314C Series, A-2
 - 9344C/9350C/9354C Series, A-9
 - 9370C/9374C Series, A-15
 - 9384C Series, A-22
 - Sequence Mode, 7-1, 7-3, 7-4, 7-5, 7-6, 7-8, 10-3, 10-6, 12-19
 - AUTO, 6-2
 - NORM, 6-2
 - STOP, 6-2
 - Serial number, 16-2
 - Service and Repair, 1-2
 - Setup Recall, 2-3
 - Setups, 2-3
 - SHOW STATUS, 4-7, 16-1
 - Signal-to-noise(SNR) ratio
 - improving it using Enhanced Resolution Filtering, B-1, B-2
 - SINGLE, 7-8
 - Single-Shot Acquisition, 10-3
 - Single-Shot Acquisition, 7-1
 - Single-Shot Mode, 6-3, 7-5
 - Size
 - 9304C/9310C/9314C Series, A-6
 - 9344C/9350C/9354C Series, A-13
 - 9370C/9374C Series, A-19
 - 9384C Series, A-26
 - SMART Trigger, 8-1, 8-2, 8-10, 8-11, 8-12, 8-13, 8-14, 8-15, 8-16, 8-17, 8-18, 8-19, 8-20, 8-21, 8-22, 8-24, 8-25, 8-27, 8-29, 8-30, 8-31, 8-32, 8-33, 8-34, 8-35, 8-36
 - SMART Triggers
 - 9304C/9310C/9314C Series, A-3
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-23
 - SNGL, 6-3
 - Software version information, 16-2
 - Source Trace, 10-7
 - Special Modes, 7-9, 12-1, 12-19
 - Spectral Analysis, 10-17, B-2, C-1, C-2
 - Spectral Power Averaging, C-6, C-7
 - Spreadsheet, 13-3, E-1, E-2, E-3, E-4, E-5, E-11, E-12
 - Standard Deviation, 14-6, D-11
 - Standard Display, 11-1, 11-6
 - Standard Parameters, D-1
 - Standard Time Parameters, 14-7
 - Standard Voltage Parameters, 14-6
 - State-Qualified Trigger, 8-21, 8-35
 - State-Qualified Trigger with Wait, 8-22
 - Statistics, 14-4, 14-6, 14-7, 14-8
 - STOP, 6-1, 7-8, 10-3
 - Stop bits, 12-6
 - Storage
 - Copy Files, 12-18
 - Storage Availability, 12-9
 - STORE W'FORMS, 13-1, 13-2
 - Summary, 16-1
 - Summed Averaging, 10-3, 10-9
 - System Setup, 4-6
 - System Summary, 16-2
- T**
- Temperature, 3-1

9304C/9310C/9314C Series, A-6
9344C/9350C/9354C Series, A-13
9370/9374C Series, A-19
9384C Series, A-26
9384C Series, A-26
Template, 12-10, 12-13, 12-14
Text & Times Summary, 16-3
TIFF, 12-2, 12-8, A-5, A-13, A-19, A-26
Time
 Trigger Hold-off by, 8-6, 8-9
Time and Frequency field, 4-9
Time at Level, D-11
Time intervals, D-2
Time Parameter measurements, D-2
Time Resolution
 improving it with Zoom, 10-1
TIME/DATE, 12-4
Time/Date Setup, 12-1
TIME/DIV, 6-3
Timebase, 8-6, 14-17, 16-1
 9304C/9310C/9314C Series, A-2
 9344C/9350C/9354C Series, A-9
 9370C/9374C Series, A-15
 9384C Series, A-22
TIMEBASE, 6-1, 10-18, 10-20
TIMEBASE + TRIGGER, 4-3
Timebase Clock, 7-1
Timebase scaling, 6-1
TIMEBASE SETUP, 6-4, 7-5
Timebase Source, 6-1
Timebase summary, 16-1
Timeout, 8-6, 8-37
Time-outs, 8-27
tolerance, 14-18
Top, D-1, D-2, D-11
Trace and Ground Level markers, 4-9
TRACE ON/OFF, 5-1, 9-1
Traces
 selection of, 5-1
Tracking, 14-6, 14-7, 14-8
Trailing Edge, D-2
Transient signals, C-1, C-11
Trending
 9304C/9310C/9314C Series, A-5
 9344C/9350C/9354C Series, A-12
 9370C/9374C Series, A-18
 9384C Series, A-25
Trigger, 2-2, 8-1, 8-2, 8-9, 8-10
 AUTO, 8-1
 NORM, 8-1
 Slope, 8-8
 STOP, 8-1
TRIGGER, 6-1
Trigger Amplitude, 8-4
Trigger Configuration field, 4-9
Trigger Controls, 8-1
Trigger Coupling, 8-4, 8-9, 8-30, 8-32
 9304C/9310C/9314C Series, A-2
 9344C/9350C/9354C Series, A-10
 9370C/9374C Series, A-16
 9384C Series, A-22
Trigger Delay, 4-9, 6-3, 7-1, 8-6, 8-27, 8-36, 14-7
 9304C/9310C/9314C Series, A-3
 9344C/9350C/9354C Series, A-10
 9370C/9374C Series, A-16
 9384C Series, A-23
Trigger Events, 8-9, 8-35
Trigger Holdoff, 8-33
 9344C/9350C/9354C Series, A-10
 9370C/9374C Series, A-16
 9384C Series, A-23
Trigger Hold-off, 8-5, 8-9
Trigger Level, 6-3, 8-1, 8-4, 8-18, 8-33, 14-11
Trigger Level arrows, 4-9
Trigger Level scaling, 6-1
Trigger Maximum Input



- 9304C/9310C/9314C Series, A-3
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-23
 - Trigger Modes, 6-1
 - Trigger Out, 12-21
 - Trigger Range, 8-4
 - 9304C/9310C/9314C Series, A-3
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-23
 - Trigger Ready, 12-21
 - TRIGGER SETUP, 6-4, 8-29
 - TRIGGER SETUP, 8-1
 - TRIGGER SETUP menus, 8-1
 - Trigger Signal Interval
 - 9304C/9310C/9314C Series, A-3
 - Trigger Signal or Pattern Interval
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-23
 - Trigger Signal or Pattern Width
 - 9304C/9310C/9314C Series, A-3
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-23
 - Trigger Slope, 8-5, 8-9, 8-37
 - 9304C/9310C/9314C Series, A-2
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-22
 - Trigger Source, 6-1, 6-3, 8-3, 8-4, 8-9, 8-32, 8-35, 8-36, 8-37
 - 9304C/9310C/9314C Series, A-2
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-22
 - Trigger Status field, 4-9
 - Trigger summary, 16-1
 - Trigger Threshold, 8-18, 8-19, 8-20, 8-36
 - Trigger Timing
 - 9304C/9310C/9314C Series, A-3
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-23
 - Trigger window, 8-14, 8-32
 - Triggering, 10-3
 - 9304C/9310C/9314C Series, A-2
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-22
 - TV Trigger, 8-25, 8-34
 - 9304C/9310C/9314C Series, A-3
 - 9344C/9350C/9354C Series, A-10
 - 9370C/9374C Series, A-16
 - 9384C Series, A-23
 - TV Type, 8-34
- U**
- UTILITIES, 4-6, 7-9, 12-1
 - File Transfers, 12-10
 - Floppy Disk, 12-7, 12-12, 12-13
 - GPIO port, 12-5
 - Hard Disk, 12-7, 12-14
 - Hardcopy Setup, 12-2, 12-3
 - Mass Storage, 12-1, 12-7, 12-10
 - Memory Card, 12-7
 - Printers, 12-2, 12-3

RS-232-C port, 12-5
Special Modes, 12-1, 12-19

V

V/div Offset, 5-3, 5-5
Validation
 in triggering, 8-21
VAR, 5-2
Vertical Offset, 5-1
Vertical Resolution
 9304C/9310C/9314C Series,
 A-1
 9344C/9350C/9354C Series,
 A-8
 9370C/9374C Series, A-15
 9384C Series, A-22
 increasing it, B-5
Vertical Sensitivity, 5-1
VOLTS/DIV, 5-1, 5-2
Volts/div scaling, 6-1

W

Warnings, 3-2
Warranty, 1-1, A-6, A-13, A-19,
 A-26
Waveform and Text intensity, 11-
 6, 11-7, 11-9
Waveform Mathematics, 10-2,
 10-5, 10-6
Waveform Processing, 10-5, C-
 1, C-7, C-11, C-12, C-14, C-
 17, C-18
Waveform Recall, 13-4, 13-5
WAVEFORM RECALL, 4-6

Waveform Status, 16-4
Waveform Store, 13-1, 13-3
WAVEFORM STORE, 4-6
Weight
 9304C/9310C/9314C Series,
 A-6
 9344C/9350C/9354C Series,
 A-13
 9370C/9374C Series, A-19
 9384C Series, A-26
Width, 8-30, 8-31, D-11
Window Pattern Trigger, 8-20
Window Trigger, 8-8
 with window menu, C-5
Wrap, 7-5, 7-8, 7-9, 12-9

X

XY Display, 11-1, 11-9

Z

ZERO, 6-3
Zoom, 9-1, 9-2, 10-1
ZOOM, 9-2, 10-6
ZOOM + MATH, 4-3
Zoom Factors
 9304C/9310C/9314C Series,
 A-4
 9344C/9350C/9354C Series,
 A-11
 9370C/9374C Series, A-18
 9384C Series, A-24
Zoom menu, 10-7
Zoom of Math Functions, 10-1