

DIGITAL STORAGE OSCILLOSCOPES

DIGITAL STORAGE OSCILLOSCOPE SELECTION GUIDE

| MODEL | GDS-2304A | GDS-2302A | GDS-2204A | GDS-2202A | GDS-2104A | GDS-2102A | GDS-2074A | GDS-2072A |
|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| VPO App | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bandwidth(MHz) | 300 | 300 | 200 | 200 | 100 | 100 | 70 | 70 |
| Number of Channel | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 |
| Memory Depth | 2M Points | 2M Points | 2M Points | 2M Points | 2M Points | 2M Points | 2M Points | 2M Points |
| Sample Rate | 2GSa/s(RTS) 100GSa/s(ETS) | 2GSa/s(RTS) 100GSa/s(ETS) | 2GSa/s(RTS) 100GSa/s(ETS) | 2GSa/s(RTS) 100GSa/s(ETS) | 2GSa/s(RTS) 100GSa/s(ETS) | 2GSa/s(RTS) 100GSa/s(ETS) | 2GSa/s(RTS) 100GSa/s(ETS) | 2GSa/s(RTS) 100GSa/s(ETS) |
| Vertical Resolution | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit |
| Vertical Sensitivity | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div |
| Time Base Range | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div |
| Waveform Memory | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Panel Setup Memory | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Counter Function | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Data Logger | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Go/NoGo | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Zoom FFT | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| USB Host | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| USB Device | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| RS-232C | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Go/NoGo Output | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| GPIO | Opt. | Opt. | Opt. | Opt. | Opt. | Opt. | Opt. | Opt. |
| Power Source | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V |
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Note : * It Support From APP Software.

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| MODEL | GDS-2204E | GDS-2202E | GDS-2104E | GDS-2102E | GDS-2074E | GDS-2072E |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| VPO App | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bandwidth(MHz) | 200 | 200 | 100 | 100 | 70 | 70 |
| Number of Channel | 4 | 2 | 4 | 2 | 4 | 2 |
| Memory Depth | 10M Points | 10M Points | 10M Points | 10M Points | 10M Points | 10M Points |
| Sample Rate | 1GSa/s(RTS) | 1GSa/s(RTS) | 1GSa/s(RTS) | 1GSa/s(RTS) | 1GSa/s(RTS) | 1GSa/s(RTS) |
| Vertical Resolution | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit |
| Vertical Sensitivity | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div |
| Time Base Range | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div | 1ns/div~100s/div |
| Waveform Memory | 24 | 24 | 24 | 24 | 24 | 24 |
| Panel Setup Memory | 20 | 20 | 20 | 20 | 20 | 20 |
| Counter Function | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Data Logger | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Go/NoGo | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Zoom FFT | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| USB Host | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| USB Device | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| RS-232C | - | - | - | - | - | - |
| Go/NoGo Output | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Power Source | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V |
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Note : * It Support From APP Software.

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| MODEL | GDS-320 | GDS-310 | GDS-307 | GDS-220 | GDS-210 | GDS-207 |
|--------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Display | 7" TFT LCD Color | 7" TFT LCD Color | 7" TFT LCD Color | 7" TFT LCD Color | 7" TFT LCD Color | 7" TFT LCD Color |
| Bandwidth(MHz) | 200 | 100 | 70 | 200 | 100 | 70 |
| Number of Channel | 2 | 2 | 2 | 2 | 2 | 2 |
| Memory Depth | 5 Mega Points | 5 Mega Points | 5 Mega Points | 1 Mega Points | 1 Mega Points | 1 Mega Points |
| Sample Rate | 1GSa/s | 1GSa/s | 1GSa/s | 1GSa/s | 1GSa/s | 1GSa/s |
| Vertical Resolution | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit |
| Vertical Sensitivity | 2mV/div~10V/div | 2mV/div~10V/div | 2mV/div~10V/div | 2mV/div~10V/div | 2mV/div~10V/div | 2mV/div~10V/div |
| Time Base Range | 5ns/div~100s/div | 5ns/div~100s/div | 5ns/div~100s/div | 5ns/div~100s/div | 5ns/div~100s/div | 5ns/div~100s/div |
| Counter Function | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Go/NoGo | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| USB Device | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Battery Power Operation | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Power Source | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V |
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| MAIN FUNCTION | MODEL | GDS-1104B | GDS-1102B | GDS-1074B | GDS-1072B | GDS-1054B |
|-------------------------|-------|------------------|------------------|------------------|------------------|------------------|
| Display | | 7" TFT LCD Color | 7" TFT LCD Color | 7" TFT LCD Color | 7" TFT LCD Color | 7" TFT LCD Color |
| Bandwidth(MHz) | | 100 | 100 | 70 | 70 | 50 |
| Number of Channel | | 4 | 2 | 4 | 2 | 4 |
| Memory Depth | | 10 Mega Points | 10 Mega Points | 10 Mega Points | 10Mega Points | 10Mega Points |
| Sample Rate | | 1 GSa/s(RTS) | 1 GSa/s(RTS) | 1 GSa/s(RTS) | 1 GSa/s(RTS) | 1 GSa/s(RTS) |
| Vertical Resolution | | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit |
| Vertical Sensitivity | | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div | 1mV/div~10V/div |
| Time Base Range | | 5ns/div~100s/div | 5ns/div~100s/div | 5ns/div~100s/div | 5ns/div~100s/div | 5ns/div~100s/div |
| Waveform Memory | | 15 | 15 | 15 | 15 | 15 |
| Panel Setup Memory | | 15 | 15 | 15 | 15 | 15 |
| Counter Function | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Data Logger | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Go/NoGo | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Zoom FFT | | ✓ | ✓ | ✓ | ✓ | ✓ |
| USB Host | | ✓ | ✓ | ✓ | ✓ | ✓ |
| USB Device | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Battery Power Operation | | | | | | |
| Power Source | | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V |
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Note : 1. RTS : Real-Time Sample Rate

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| MAIN FUNCTION | MODEL | GDS-1152A-U | GDS-1102A-U | GDS-1072A-U | GDS-1102-U | GDS-1072-U | GDS-1052-U | GDS-122 |
|-------------------------|-------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------|
| Display | | 5.7" TFT LCD Color | 5.7" TFT LCD Color | 5.7" TFT LCD Color | 5.7" TFT LCD Color | 5.7" TFT LCD Color | 5.7" TFT LCD Color | 3.8" STN Color |
| Bandwidth(MHz) | | 150 | 100 | 70 | 100 | 70 | 50 | 20 |
| Number of Channel | | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Memory Depth | | 2 Mega Points | 2 Mega Points | 2 Mega Points | 4k Points | 4k Points | 4k Points | 6k Points/CH |
| Sample Rate | | 1 GSa/s(RTS) 25GSa/s(ETS) | 1 GSa/s(RTS) 25GSa/s(ETS) | 1 GSa/s(RTS) 25GSa/s(ETS) | 250 MSa/s(RTS) 25GSa/s(ETS) | 250 MSa/s(RTS) 25GSa/s(ETS) | 250 MSa/s(RTS) 25GSa/s(ETS) | 100MSa/s(RTS) |
| Vertical Resolution | | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit | 8-bit |
| Vertical Sensitivity | | 2mV/div~10V/div | 2mV/div~10V/div | 2mV/div~10V/div | 2mV/div~10V/div | 2mV/div~10V/div | 2mV/div~10V/div | 5mV~5V |
| Time Base Range | | 1ns/div~50s/div | 1ns/div~50s/div | 1ns/div~50s/div | 1ns/div~50s/div | 1ns/div~50s/div | 1ns/div~50s/div | 5ns~5s/div |
| Waveform Memory | | 15 | 15 | 15 | 15 | 15 | 15 | 4 |
| Panel Setup Memory | | 15 | 15 | 15 | 15 | 15 | 15 | |
| Counter Function | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Data Logger | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Go/NoGo | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Zoom FFT | | ✓ | ✓ | ✓ | | | | |
| USB Host | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| USB Device | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Battery Power Operation | | | | | | | | ✓ |
| Power Source | | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V | AC 100V~240V |
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Note : 1. RTS : Real-Time Sample Rate 2. ETS : Equivalent-Time Sample Rate