

TETRA 2722A

INSTRUMENT CONTROLLER



- *3 open instrument interface slots*
- *Bench top or rack mount*
- *Front panel UUT connections*
- *8" TFT SVGA Display, (800x600)*
- *Lockable front system door*
- *Protected drives, power, and reset*
- *VGA, USB, & RJ45 on front*
- *Integral pull out keyboard*

CONTACT

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The 2722A is a self contained 4U height 19" Instrument Computer equipped with an internal 8-inch high brightness (400 cd/m²) TFT LCD display. All the 2722A UUT I/O ports are placed on the front panel for easy access and maintenance. The 2722A power and peripheral controls can be locked from the outside to prevent unauthorized users from operating the unit. Two open ISA and one PCI instrument interface slots are available for plug-in modules. The unit can be rack mounted or used on the bench and has an integral pull out keyboard with touch pad pointing device.

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SYSTEM CONFIGURATION

Chassis constructon: Rugged Electro-Magnetic Shielded All-Metal Chassis
 Dimensions: 19" (W) x 6.9" (H) x 10.6" (D)
 Weight: 25 lb.
 Add-in Card Access: Front Interface Connector Location
 Drive Bays: Access Behind Lockable Door
 Power Controls: Power Switch Located Behind Lockable Door
 Hard Disk: 400 Gbyte ATA HDD, 7200 RPM
 Floppy Disk: 1.44 Mbyte FDD
 CD/DVD: CD/DVD Reader/Writer (CD/DVD Burner)
 Front Access Connectors: External VGA, LAN, External Keyboard/Mouse

ADD-IN CARD EXPANSION

Additional 1 Half Length PCI & 2 Half Length ISA Slots with Positive Retention

SYSTEM FUNCTIONALITY

CPU Type: Pentium M processor
 CPU Frequency: 1.8 GHz
 Chipset: Intel 855GME + ICH4
 DRAM: 1 x 200-pin SO-DIMM, supports DDR266 SDRAM up to 1GB
 BIOS: Phoenix-Award PnP BIOS, with VGA BIOS
 Watchdog: 1 ~ 255 secs Watchdog timer selectable w / Reset / NMI

I/O PORTS

IDE Interface: 1 x 40-pin IDE (UDMA 33/66/100)
 CF: 1 x Internal compact flash slot (IDE)
 FDD: 1
 Bus Interface: EPCI BUS
 Serial Port: 2 x COM ports, COM1 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)
 Parallel Port: 1 x parallel (SPP / EPP / ECP)-Not Cabled
 IrDA: 1 (SIR)-Not Cabled
 Keyboard: Mini DIN connector or external connector
 Mouse: Mini DIN connector (selectable w/KB) or Y-cable
 LAN: LAN : Intel 82562 EM (10 / 100Mbps)
 USB: 1 x USB2.0 via front interface standard
 USB: 4 x USB2.0 via front interface optional
 Graphics: Built-in Intel 855GME, share system memory, support CRT & LVDS
 LCD Interface: 18 / 36 - bit LVDS

DISPLAY

Display Description: 8.4" TFT LCD, 400 nit
 SVGA (800 x 600) Resolution

OPERATING SYSTEM

Windows XP Professional (Installed)

POWER

AC Input: 230 W, 100-260 VAC, 50-60 Hz, Universal



ENVIRONMENTAL

| Test Parameter | Operating |
|----------------|----------------------------------|
| Temperature: | 0° C to +50° C (std) |
| Humidity: | 40° C: 5 to 93% |
| Shock: | 30g (6ms) 10g (11ms) |
| Vibration: | 9-200 Hz, 1g 200-500 Hz, 1.5g |

| Test Parameter | Storage |
|----------------|----------------------------------|
| Temperature: | -40° C to +70° C |
| Humidity: | 30° C: 5 to 93% |
| Shock: | 40g (6ms) 10g (16ms) |
| Vibration: | 9-200 Hz, 1g 200-500 Hz, 1.5g |

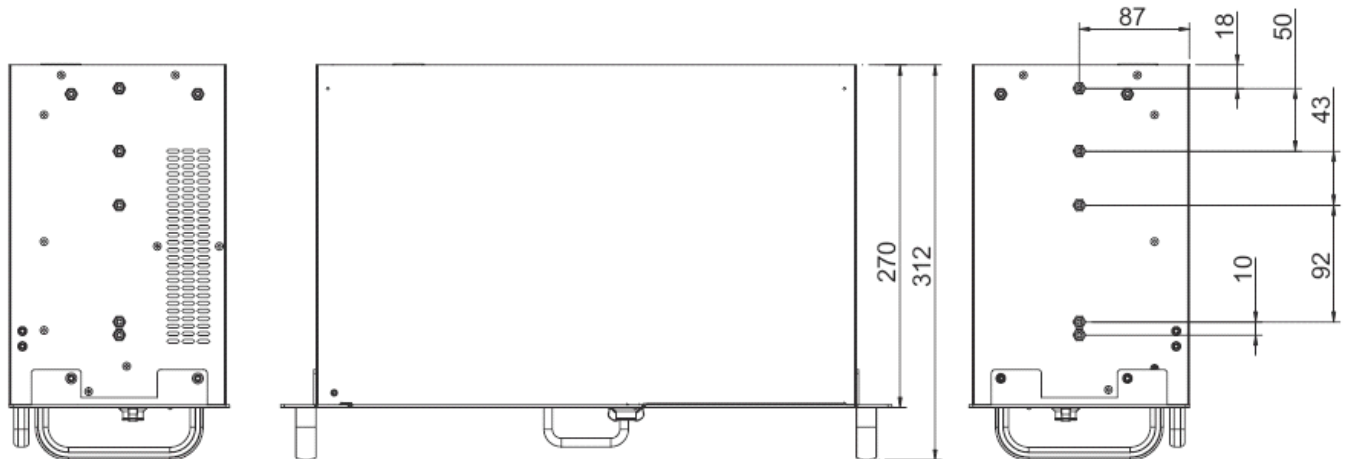
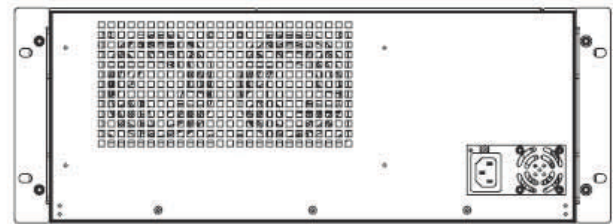
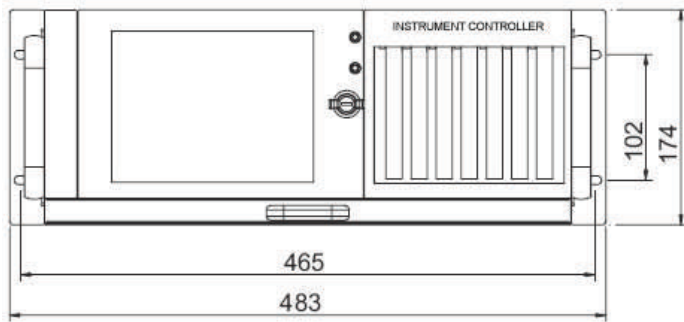
| Test Parameter | |
|-----------------------|------------------------------------|
| Drop (non-operating): | 4 inches 39" in shipping carton |



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