

## OZT1500: Teletest PC

VGA & S-VGA Test Signal Generator: RGB Component Analogue Video with H & V Syncs



**8 x PC test patterns**  
**VGA, S-VGA outs**  
**Sync inverter**  
**15 way D-type socket**  
**Text Book Accurate**  
**Battery Powered**



The TELETEST PC is a handheld PC monitor test pattern generator for use by computer engineers and technicians.

Essential for repairing and re-calibrating PC monitors or diagnosing if a fault exists on a video driver card. It can also be used for setting up data projectors or test cabling without having to carry around a PC.

The TELETEST PC generates 8 textbook accurate test patterns at VGA and S-VGA levels. This unit does not produce XGA levels as it assumes that all XGA monitors will take S-VGA signals.

It has a sync inverter switch for dealing with differing specifications.

Powered from either a 9V battery or a mains adapter (available as an optional extras).

### Video test signals

- **Colour bars:** White, yellow, cyan, green, magenta, red, blue & black (100%)
- **Grey scale:** 8 equal steps: ~0%, 14%, 29%, 43%, 57%, 72%, 86%, 100%
- **Crosshatch VGA:** 8 horizontal & 11 vertical lines; square boxes
- **Crosshatch S-VGA:** 10 horizontal & 14 vertical lines; square boxes
- **Dots VGA:** 88 dots;
- **Dots S-VGA:** 140 dots
- **Red purity:** 100% amplitude
- **White purity:** 100% amplitude
- **Sync:** Sync only, no picture
- **Frequency burst:** 7MHz

### Technical specifications

- **Video output:** Analogue RGB 1Vp-p, 75ohm
- **VGA resolution:** 640 x 480 @60Hz
- **S-VGA resolution:** 800 x 600 @60Hz
- **Video connector:** High density 15way D-type socket, fits directly onto the monitor cable
- **Power input:** 9-15VDC
- **Power consumption:** 12V 100mA, 1.3W
- **DC connector:** 2.1mm DC socket (centre= positive)
- **Battery connector:** 9V PP3 type alkaline (eg Duracell): 4hrs continual use
- **Housing:** Tough black ABS plastic, hard wearing screen printed front label
- **Dimensions:** 80 x 35 x 140mm
- **Weight:** 200g
- **Compliance:** CE, WEE, RoSH

### Signal specifications

- **Sync formats:** VGA, S-VGA @ 60Hz
- **Sync outputs:** 1Vp-p, 10kohm
- **Sync inverter switch:** Inverts sync to accommodate some monitors