

Please find below a fuse rating diagram and a plug diagram for your assistance

PLUG WIRING DIAGRAM

FUSE RATINGS

Wattage	Fuse Required
Up to 720 Watts	3 Amp
720 Watts to 1200 Watts	5 Amp
Over 1200 Watts	13 Amp

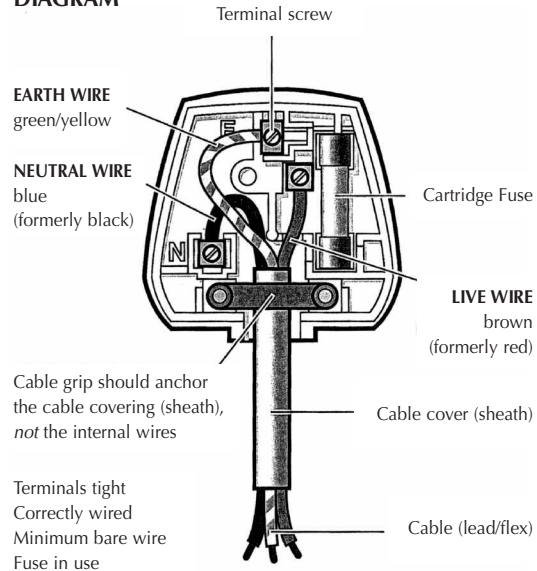
Before use ensure that the instrument is clean and dry. Check the condition of the mains cable and instrument case. Avoid storage in damp conditions and excessive temperature variations.

Parker Bell (Instruments) Ltd reserves the right to alter specification without notice.

The PAC 500 is a precision instrument and requires annual Calibration. For details of our calibration service, repairs or accessories please contact:

Parker Bell (Instruments) Ltd
 4a Newbery Commercial Centre
 Exeter Airport
 Devon
 EX5 2UL

Telephone: 01392 364933
 Fax: 01392 364695
 Email: parker-bell.co.uk



HELP LINE NUMBER
01392 364933



PAC 500SP

INSTRUCTIONS

PAC 500 Specifications

Mains input voltage 230V RMS +/- 6% 50/60 Hz
 Fuse Rating: T3.15A
 Insulation nominal test voltage is 500VDC +/- 10%
 Insulation between live and neutral joined and earth connection (also probe clip) pass level greater than 2 Mohms.
 Earth bonding between socket earth connector and probe tip greater than 0.3 ohms must fail, less than 0.2 ohms must pass.
 Test current can reach 25 amps. This specification is valid at 240V mains supply, small variations will occur if the supply voltage varies.
 Calibration performed at nominal 20°C.

TESTING YOUR COMPUTERS WITH THE PAC 500SP

1. FIRST AND FOREMOST

Take a full back up onto diskette or tape of all the data on your computer - keep this back up in a safe place.

2. SHUT DOWN YOUR COMPUTER

Proceed to shut down your computer in the usual way.

3. SWITCH OFF THE POWER AND REMOVE THE COMPUTER'S PLUG FROM THE SOCKET.

4. IF YOUR COMPUTER HAS AN ISOLATION ROCKER SWITCH ON THE BACK PUT THIS IN THE OFF POSITION.

This isolates the power source from the motherboard. If your computer does not have this rocker switch you should have had to switch off your computer manually and not via the computer software. If this is the case then you can proceed with the rest of the test instructions.

All cables other than the power cable must be removed from the computer, i.e. the mouse, keyboard, network data cable, modem etc.

5. CARRY OUT THE FULL VISUAL INSPECTION

Check the computer, mouse, keyboard etc for any signs of damage, loose parts, and cracks.

Check the cables for cuts and abrasions.

Check that the plug is wired correctly, no bare wires except at terminals and terminal screws are tight.

Correct fuse is being used for this computer.

Cable grip is holding outer sheath of cable tightly and not the internal wires.

6. PAC 500 TEST

Locate the earth point on the carcass of the computer by following point 4 in the PAC 500SP Instructions.

Connect computer to PAC 500 by putting the jack on the test lead into the green socket on PAC 500. Attach crocodile clip on test lead to earth point located on the carcass of the computer under no circumstances do you connect the crocodile clip to any of the input or output sockets on the computer.

Plug the computer into the top of the PAC 500.

Plug PAC 500 into mains socket and switch on.

DO NOT TOUCH ANY METAL PART ON THE APPLIANCE OR PAC 500 DURING THE TEST OR FOR 30 SECONDS AFTER COMPLETING THE TEST SEQUENCE.

Press switch on PAC 500 and hold down for 5 seconds.

Results should be	Insulation	Pass	Earth Bond	PASS
-------------------	------------	------	------------	------

Turn off the mains power and unplug the PAC 500.

This computer is now ready to be labelled. Please ensure that the mouse, keyboard etc is put back correctly before restarting the computer.

Computers need to be tested every 2 years, although we recommend that an annual visual inspection