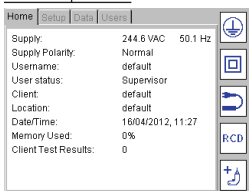


PAT400

Quick start guide



Menu bar - Provides navigation paths and menu options



Hot keys - Quick access to frequently used test groups, and adding assets

- Battery save power OFF
- HOME screen
- Escape

Home screen

- Class I test groups
- Class II test groups
- Power/extension leads
- Portable RCD
- Add asset

SETUP screen

- Test group manager
- Change client
- Change location
- Bond lead null
- Edit asset

Other icons

- Add
- Edit
- Save
- Delete
- Find asset
- Copy last asset
- Re-run test
- Save and print label
- View test results
- List test groups
- Print barcode
- Next page
- Previous page
- Repair code pop-up box activation
- Copy last asset (& increment asset ID)
- Login

| Testing using HOTKEYS to start test | Pressing TEST button to start test | Adding TEST GROUPS | Adding ASSETS |
|---|--|--|--|
| <ol style="list-style-type: none"> 1) From HOME screen. 2) Press for Class I test group options 3) Press 1,2,3 etc to select from available test groups. 4) Press TEST button to start test. 5) Follow screen instructions. 6) At end of testing press to SAVE or press to repeat test. 7) Display changes to ADD ASSET screen 8) Add a new ASSET ID. 9) Add additional data if required (optional) 10) Press to store result. 11) If the ASSET ID was added before testing, the result will automatically be saved and screen will return to test groups for next test. | <ol style="list-style-type: none"> 1) Press TEST button. 2) Add ASSET ID (this can be left until after testing). 3) Press to list the test groups available 4) Use DOWN arrow and OK to select the group required. 5) Press TEST to initiate testing. 6) Follow screen instructions. 7) At end of testing press to SAVE or press to repeat test. <p>ABORTING A TEST To abort a test during the test sequence press TEST or buttons.</p> <p>Test will be displayed as an aborted test.</p> | <ol style="list-style-type: none"> 1) From HOME screen use right arrow to select SETUP. 2) Press the TEST GROUP key. 3) Press to ADD A TEST GROUP. 4) NAME: enter TEST GROUP name and press DOWN arrow (max. 10 characters). 5) Description: Enter a useful description to help remember TEST GROUP type. Press DOWN arrow. 6) Select 230 V or 110 V depending on asset supply voltage. 7) Select Class I, II or EXT (lead). 8) Check boxes: Press OK to select each test required. 9) Press to enter config' limits page. 10) Change PASS limits, test type and number of test cycles as required. 11) Press to store new test group. | <ol style="list-style-type: none"> 1) From HOME screen press to add a new asset to database. 2) Enter ASSET ID and press DOWN arrow. 3) Press OK to select TEST GROUP from drop down options and press OK. 4) Add additional data if required. 5) Press to ADD asset to database. <p>Adding Clients/Locations</p> <ol style="list-style-type: none"> 1) Select CLIENT from SETUP menu. 2) Press to add new client. 3) Add client Name. Other fields are optional. Press OK to accept. 4) Press to save client detail. Display will jump to ADD locations. 5) Add location name. Other fields are optional. 6) Press to SAVE asset to database. Current client/location automatically updates. |

Note: Asset ID and optional additional data can be added before testing or after testing, as required.

Safety Warnings


The following safety warnings and precautions **must be** read and understood before the instrument is used. They must be observed during use.

- For safety, only connect the PAT to a supply that is properly earthed. If in doubt, the supply should be checked by a qualified electrician.
- **Do not use** the instrument if there are any signs of damage.
- All test leads, probes and clips **must be** in good order, clean and with no broken or cracked insulation.
- Probes and clips should be held behind the finger guard.
- Test leads not used during a measurement should be disconnected from the appliance tester.
- For dual voltage testers, both sockets can be live simultaneously.
- Only connect one asset to the PAT during testing.
- Tests should be carried out in the order recommended below. An appliance that fails a test should be repaired before further testing is carried out.

Recommended sequence:

1. Visual inspection.
2. Earth bond/ continuity of the protective earth conductor (Class I devices).
3. Insulation test (or earth leakage).











In addition further tests can be performed, but **ONLY AFTER** 1 & 2 above.

4. Operation test.
 5. Leakage test.
- Only perform an operational test after the earth bond and insulation tests have been completed, as this test operates at mains voltage.
 - During testing, ensure no hazard will exist as a result of normal running or under fault conditions.
 - During testing the unit under test (asset) **should not** be touched, other than using the appropriate accessories, as faulty appliances can present a shock hazard.
 - **Do not** touch the exposed parts of test leads during tests as hazardous voltages may be present due to potentially faulty appliance.
 - **Do not** touch the IEC extension lead socket pins especially during a test, as hazardous voltages may be present due to a potentially faulty appliance.
 - Assets **should not** be routinely flash tested. Where flash testing is required, refer to further guidance on flash testing in the user guide.
 - Replacement fuses must be of the correct rating and type. Refer to the user guide.
 - The USB connection marked thus  should only be used by approved service personnel; nothing should be connected to the USB port during testing.
 - Only use a NiMH rechargeable 8.4 V PP3 battery, **do not** use a non rechargeable type as this could become dangerous if charged by the instrument.
 - Serviceable fuses **should** only be replaced with those that are suitably rated.
 - In case of an emergency use an easily accessible power point.
 - Only use Megger approved accessories with this product.

Megger
Archcliffe Road
Dover
Kent CT17 9EN
England.
Tel: +44 (0) 1304 502 243
Fax: +44 (0) 1304 207 342

or
Megger
Valley Forge Corporate Centre
2621 Van Buren Avenue
Norristown PA 19403
U.S.A.
Tel: +1 610 676 8579
Fax: +1 610 676 8625

Symbols used on the instrument

-  **Caution:** risk of electric shock.
-  **Caution:** refer to accompanying notes.
-  Equipment complies with relevant EU Directives.
-  Equipment complies with 'C tick' requirements.
-  Fused.
-  This equipment should be recycled as electronic waste.
-  HV test lead in unlocked position.
-  HV test lead in locked position.
-  Battery type fitted.
-  **DO NOT** connect to 230 V supply.