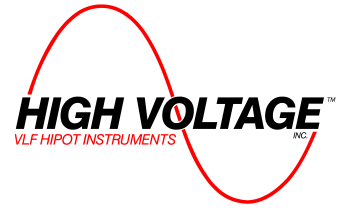


# HPA Series AC Test Set Controllers



## C5 - PLC Controller Description

The C5 PLC controller provides an on-board PLC for complete operational and programming control and includes a PC interface to download tests results for report generation. The PLC can fully automate repetitive testing in automatic mode or perform simple hipot tests in manual mode. Test profiles for automatic mode can be preset at the factory or can be entered via the touch screen control. Operation is easily modified using Ladder Logic Programming. The C5 controller allows the user to fully program the operation of the set from the PLC and allows complete downloading of test results for report generation using your reporting software.

### Features include

- 320 x 240 color touch screen display for programming and operation
- Graphical display of output voltage and current during test
- Output voltage and current final test results displayed
- PC Interface for data download via RS-232
- Save and recall test profiles easily

### Standard Controls

- Main Power On/Off breaker
- Control Power panel switch
- HV On/Off via PLC
- Raise /Lower via PLC
- Test Start/Emergency Stop via PLC

### User Selectable/Settable Parameters

- Automatic or Manual Mode
- Voltage set point
- Over Current set point
- Test Dwell Timer
- Voltage Rate of Rise (10-100 Seconds)



Other controller options are available, from simple manual controls with analog meters, to front panel programmable operation, to PLC interfaced controls, to fully programmable via an on-board PLC. For more details, refer to the HPA Brochure and other controller descriptive literature.

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