



HTGY Control Cabinet (Automatic)



Product Introduction

HTGY Series of automatic power frequency voltage control box is the special supporting equipment of test transformer produced by huatian electric power, The control box is easy to use and maintain, Superior performance, safe and reliable, Beautiful appearance and structure, sturdy and durable, Easy to move and so on. It's a power supply company, large factory, metallurgy, power station, Railway and other necessary equipment needed by electric power maintenance department.

HTGY Series of automatic power frequency voltage control box using advanced microelectronic processing technology, All usage procedures can be set up in advance, The whole Chinese language interface, the operation is simple and clear. All test items can be automatically tested after setting, without manual intervention.

This series of self-built frequency voltage control box adopts a new platform PLC configuration control, which can seamlessly connect various test transformers of different grades, and can conduct software calibration, greatly improving the applicability of the instrument.

Product nickname : Automatic power frequency voltage control box, Power frequency voltage control box

Product Parameters

rated capacity	2 ~ 5kVA
low-tension current	0 ~ 22A
Low voltage	0 ~ 250V
meter voltage	0 ~ 100V
Accuracy of voltage measurement in control box	0.5%FS±3character
Control box current measurement accuracy	0.5%FS±3character
System measurement accuracy	1.5%FS±3character
The length of the time	0 ~ 3hours59minutes59seconds
mains input	AC220V±10%; 50Hz±1Hz

specifications and models	capacity	power source			output		Refer to the weight
		anthroposcopy	(V)	(A)	(V)	(A)	
HTGY-2/220	2	1	220	9	0 ~ 250	8	14
HTGY-3/220	3	1	220	13	0 ~ 250	12	16
HTGY-5/220	5	1	220	22	0 ~ 250	20	18

Product features

- 1、High resolution 7 inch high brightness full color PLC touch screen (Resolution800×480) , tension、electricity、time、Status information and prompt information are all displayed on the same screen, Clear reading、anschauung ;
- 2、WindowsXP, Simple and clear operation, Can adapt to a variety of applications ;
- 3、High precision touch screen operation, All functions can be set by touch, Improved product safety、reliability ;
- 4、All digital calibration mode, Abandoned the old potentiometer adjustment, It is very convenient to use on site, Accuracy is easily controlled (this feature is password protected) ;
- 5、Directly set the test transformer ratio (this function with password protection), When connecting testers of different voltage levels, Flexible application, A console can be used with multiple transformers ;

6、Status reminder function, All Chinese guided operation, It can be handled skillfully even without instructions ;

7、 In Experiment Process, There is an in-progress display on the screen, Always remind operators to pay attention to safety ;

8、 Sound and light alarm function can be used when the test is abnormal ;

9、 STOPWATCH. Automatic control, when the voltage automatically rises to the set value, the device will automatically start timing, when the timing time is up, show the test results, the device will automatically return to zero ;

10、 Manual control mode, This model is similar to traditional electric power Rise and fall mode , Up and down by the button control, The equipment automatically judges the upper and lower limits, Overvoltage protection ;

11、 Intelligent control of booster speed, When the voltage reaches 90% of the target value, To ensure accurate target voltage boost speed will automatically slow down ;

12、 Boost speed can be set, The booster speed can be adjusted according to the transformer ratio of different test transformer, To achieve a more reasonable effect ;

13、 Adopt the combination of hardware and software anti-jamming technology, Stable performance and strong anti-interference ;

14、 With its own printing function, it can print test data, test date and other contents quickly ;

15、 USB Offload function, The saved test data can be exported to USB disk for long-term backup ;