



HTGY Control Console (Automatic)



Product Introduction

HTGY Series of automatic power frequency voltage control console is the special supporting equipment of test transformer produced by huatian electric power, The console 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 house、 Railway and other necessary equipment needed by electric power maintenance department.

HTGY Series of automatic power frequency voltage control console using advanced microelectronic processing technology, All usage procedures can be set up in advance, Chinese interface, Simple and clear operation.All test items can be set up and tested automatically, No manual intervention required.

This series of self-built frequency voltage control console adopts a new platform PLC configuration control, It can seamlessly connect various test transformers of different grades, Software calibration can be performed, Greatly improve the applicability of the instrument.

Product Parameters

rated capacity	10~300kVA
low-tension current	0 ~ 790A
VLDOTM	0 ~ 250V; 0 ~ 430V
instrument voltage	0 ~ 100V
Console voltage measurement accuracy	0.5%FS±3character
Console current measurement accuracy	0.5%FS±3character
System measurement accuracy	1.5%FS+3character
The length of the time	0 ~ 3 hours 59 minutes 59seconds
supply voltage	AC220V±10%; AC380V±10%; 50Hz±1Hz

specifications and models	capacity	power source			efference		Refer to the weight	comment
		anthroposcopy	(V)	(A)	(V)	(A)		
HTGY-10/220	10	1	220	45	0~250	40	80	/
HTGY-15/400	15	2	380	39	0~430	34	90	/
HTGY-20/400	20	2	380	52	0~430	46	100	/
HTGY-25/400	25	2	380	65	0~430	58	120	/
HTGY-30/400	30	2	380	78	0~430	69	140	/
HTGY-50/400	50	2	380	131	0~430	116	160	/
HTGY-100/400	100	2	380	263	0~430	232	50	External voltage regulator
HTGY-150/3000	150	2	380	394	0~430	348	50	
HTGY-200/3000	200	2	380	526	0~430	465	50	
HTGY-250/3000	250	2	380	657	0~430	581	50	
HTGY-300/3000	300	2	380	789	0~430	697	50	

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 voltage, 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 ;