

## HTYX-III Phase Shifter



### I. Introduction

Phase shifter is a new generation of portable electrical equipment which is composed by transformer phase shifter, digital phase display, digital voltage and current display, output voltage adjustment, fine-tune of phase shift and power source modules and so on, this product combine the technology of transformer phase shifter and digital measurement, with the advantages of high precision for phase adjustment, accurate and intuitive readings, adjustable output voltage. The structure of this machine is solid and reliable, sealed, and easy to carry or to use in the field and on site..

### II.Features

1. This phase shifting device with the features of easy to operate, small in volume, low noise, fine output wave.
2. Can meet high accuracy tests for single phase and three phases AC power, phasing meters, it also applies to calibrated apparatus of watt-hour meter.

### III. Parameters

|                           |  |  |
|---------------------------|--|--|
| Input voltage             | Three-phase four-wire 3x380(220)V 50Hz                       |  |
| Output Voltage            | Three-phase four-wire 3x(0~380)/(0~220)                      | Three and a half figures display, accuracy: 1grade |
| Maximum output capacity   | 3x300VA  |  |
| Rough tune of three phase | Temperature : 0°~360°  | 30° to phase shift of each step                    |
| fine tune for three phase | -3°~18°, 12°~33°   | four figures display, accuracy: 1grade             |
| Voltage fluctuation       | rough tune : ≤1.5%   | Fine tune : ≤2.0%                                  |
| Waveform distortion       | distortion of input waveform ≤ distortion of output waveform |  |
| Increasing of temperature | <60 °C   |  |

|                       |                              |                 |
|-----------------------|------------------------------|-----------------|
| Insulation resistance | ≥22MΩ                        |                 |
| Pressure test         | 1.0kV/min                    |                 |
| Working environment   | temperature : -10°C~<br>40°C | humidity : <80% |
| Dimension             | 480×360×230mm3               |                 |
| Weight                | About 35kg                   |                 |