

# AC Resonant Test System

## General information about AD-RTC AC Resonant Test System (for Cables)

AD-RTC series AC Resonant Test System for Cables are composed of frequency/voltage adjustment power, exciting transformers, reactors, capacitive divider.

The power frequency can be adjustable, which make the reactor and tested capacitor resonance.

### Features:

- ✓ Small size, light weight, portable design.
- ✓ Suitable for 35kV or below cables.
- ✓ Single parts not more than 30kg, easy to carry.
- ✓ 220V or 380V single phase power supply, convenient for on-site power sourcing.
- ✓ Dry type epoxy cast for reactor, nice and reliable, suitable for various types of cables.



## Technical specification of the device:

- Rated output voltage: 0 - 66kV (effective value) or below.
- Output frequency: 20 -300Hz.
- Resonant voltage waveform: sine wave, THD  $\leq$  1%.
- Full load working time: continuous working time 60mins.
- Quality factor: max. load  $\geq$  20.
- Frequency adjustment: fineness 0.1Hz, instability  $\leq$  0.01%.
- Power supply: 220V or 380V single-phase.

