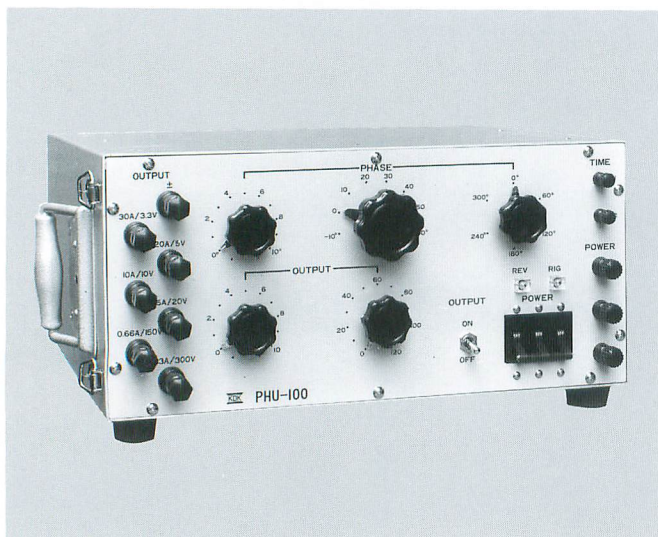


## Portable AC Test Set : Models PHU series, CCU-1000, VBU series



**Model PHU-100**

Test of apparatus incorporating voltage and current elements like wattmeter, power factor meter and some of protective relay requires three adjustments parameters, that is, voltage, current and phase angle between voltage and current.

### Portable AC Test Set

Consists of Single-phase Phase Regulator model PHU Series, Single-phase Current Regulator model CCU Series and three-phase Voltage Regulator model VBU Series, and the suitable regulators are to be combined for the test in accordance with the apparatus under test.

### Single-phase Phase Regulator : Model PHU series

Model PHU series provides both adjustments of amplitude and phase angle. The output voltage (current) is adjusted in continuous and its phase angle is also adjusted in the range from 0° to 360° on the basis of the input voltage, and any mutual interference between voltage adjustment and phase angle adjustment does not occur.

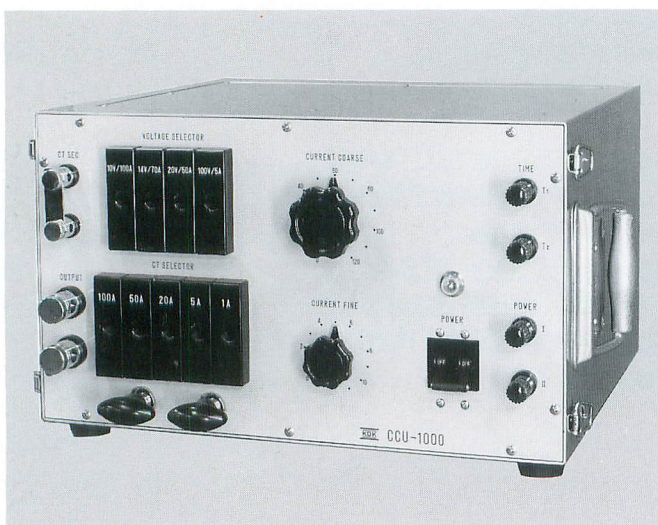
#### Rating of PHU series

Model	Output voltage (V)/current (A)							Capacity	Dimension (mm)	Weight (kg)
<b>PHU-100</b>	300/0.33	150/0.66	20/5	10/10	5/20	3.3/30	—	100 VA	430×470×220(H)	24
<b>PHU-300</b>	300/1	150/2	60/5	30/10	12/25	6/50	3/100	300 VA	430×270×270(H)	36
<b>PHU-1000</b>	600/1	300/2	200/5	100/10	50/20	33/30	—	1000 VA	500×400×420(H)	90
	20/50	10/100	5/200	—	—	—	—			

Power supply*	3 $\phi$ 200 V, 50/60 Hz
Phase angle	0–360° (60°/10°/continuous)

\* If requested, 380, 400 or 415 V is acceptable.

### Single-phase Current Regulator : Model CCU-1000



**Model CCU-1000**  
430×470×270(H) mm, 35 kg

Wide range of test current is obtained by using Model CCU-1000, and the test current is measured by an external ammeter through current transformer built-in. Range selection is by plugs.

#### Rating of model CCU-1000

Power supply*	1 $\phi$ 200 V, 50/60 Hz
Output	100, 70, 50, 10 A taps with 1 kVA for 30 min. duty. For continuous duty, 500 VA at 1/2 of above each tap
Current transformer	1ry. 100, 50, 20, 5, 1 A taps 2ry. 5 A. burden 5 VA, 0.5 class

\* If requested, 220, 230 or 240 V is acceptable.