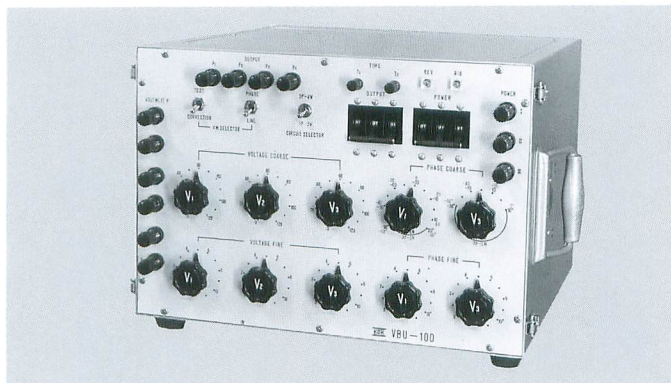# Measuring & Test Equipment

Three-phase Voltage Regulator : Model VBU series

Model VBU-100
430x470x320(H) mm, 32 kg
ditto above but 38.5 kg for VBU-300

Three-phase voltages balanced or imbalanced can be obtained by model VBU series. Every voltage and phase angle are adjusted respectively by knobs.

Rating of Model VBU-100

Power supply*		3ϕ 200 V, 50/60 Hz
Output	voltage adjust.	0−230 V line-to-neutral with 3ϕ 100 VA in Y-connect.
	phase adjust.	−90°−+30° for V_1 Y-connect. −30°−+40° for V_3

Model VBU-300 provides 300 VA in output capacity.
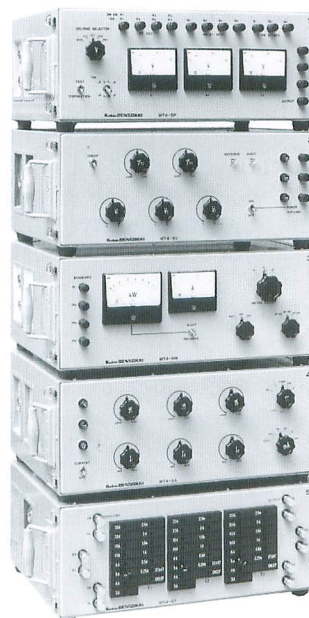*If requested, 380, 400 or 415 V is acceptable.

Watt-hour Meter Test Set : Models MT3-50B & MT4-5

Models MT3 & MT4 are designed for field tests of watt-hour meters, watt meters and phase meters with phantom-loading method.
Necessary voltages, currents and phase angles in 3-phase 3-wire or 3-phase 4-wire systems can be adjusted to fit the test conditions by simple operations.

Model MT3-50B
Voltage Adjuster   550×240×470(H) mm, 30 kg
Current Adjuster   550×240×470(H) mm, 32 kg

Model MT4-5

Rating of models MT3-50B & MT4-5

Model	MT3-50B	MT4-5
Power supply	3ϕ 100/200 V, 50/60 Hz	3ϕ 380 V, 50/60 Hz
Out put voltage	80−130 V or 180−230 V in V-connection with 50 VA × 2	0−415 V in Y-connection with 3×100 VA
Out put current	2 circuits of 0−5 A with 25 VA × 2 5, 2.5, 1, 0.5, 0.25 A taps	3 circuits of 0.25−30 A with 14 taps capacity 3×30 VA
	Phase angle 0−30° for each 2 currents	Phase angle 0−30°
	Power factor 1, 0.866, 0.5, 0 Lag	Power factor 1, 0.866, 0.5, 0 Lag
	Reactive factor 1, 0.866, 0.5, 0 Lag	Reactive factor 1, 0.866, 0.5, 0 Lag
	Starting current ; 50, 30, 20, 15, 12.5 mA	Start. current 120, 80, 50, 15, 12.5 mA
Measuring instruments mounted on	Voltmeter … 150/300 V 2.5 class Ammeter … 6 A 2.5 class Wattmeter … 150, 300/5 A 1.5 class	Voltmeter … 150 V 2.5 class Ammeter … 6 A 2.5 class Wattmeter … 5 A/150 V 1.5 class
Potential & phasing transformers built-in	1 ry. 200, 110 V 2 ry. 110 V 0.1 class	1ry. 264, 220, 127, 110, 63.5 V 2ry. 110 V. 0.2 class
Current transformer built-in	1 ry. 5, 2.5, 1, 0.5, 0.25 A 2 ry. 5 A 0.1 class	1ry. 30, 20, 15, 10, 6, 5, 4, 3, 2.5 2, 1.5, 1, 0.5, 0.25 A 2ry. 5 A 0.1 class

DENSOKU TECHNO Co., Ltd.