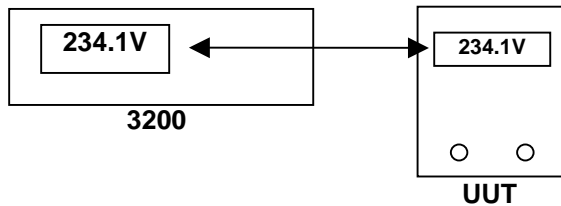


The ACV Output for the 3200 is directly generated from the mains input to the 3200 via a transformer. Therefore the frequency will be the same as the mains input, and the output level will vary with the mains input voltage.

Excerpt from 3200 manual :

To provide the power necessary for some insulation testers, the AC output from the 3200 is derived from transformer tapings. The output is *unregulated* and will vary with line voltage and loading. The actual output voltage at any time is measured and displayed by the 3200 which can be compared to the displayed value on the UUT.



Example

3200 set to 230V range, measures mains and displays a measured value of 234.1V. The UUT is compared to check its accuracy at this value.



If the user requires a more accurate AC/DC Voltage output, as a cost option Transmille can supply a **3350 AC/DC Voltage Calibrator** (separate instrument).