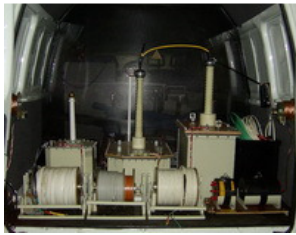


## Mobile calibration laboratories PPL-35 and PPL-110 for definition of current and voltage transformers errors



Mobile calibration laboratories PPL-35 and PPL-110 is intended for definition of errors of the current transformers with rated primary currents from 15 to 3000 A and secondary current 5 A with grade of accuracy 0,2S and less, and the voltage transformers with rated primary voltages 6, 10, 35, 110 kV and secondary voltage 100 V, with grade of accuracy 0,5 in the operation place.

PPL consists of next main devices and units:

- Comparator CA 507
- Load box MP3025, 100 V – 3 ps.
- Load box MP3025/1,  $100\sqrt{3}$  V – 2 ps.
- Load box CA 5018-5
- Load box MH-1200 BA
- Standard current transformer TT(п)-05
- Standard current transformer TT(п)-06
- Standard voltage transformer TH(п)-6/10
- Standard voltage transformer TH(п)-27,5/35/110 (in PPL-35 - TH(п)-27,5/35)
- Current source ИТ-3600 A
- Current source ИТ-720 A
- Voltage source ИН-6/10 (12000 В)
- Voltage source ИН-35 (42000 В)
- Voltage source ИН-110 (in PPL-35 it is absent)
- Control board (with multimeter Multis LMg) for control, monitoring, protection and commutation of voltage transformers (TH)
- Control board for control, monitoring, protection and commutation of current transformers (TT)
- Protective means (operation bar up to 10 kV – 1 ps., operation bar up to 35 kV – 1 ps., voltage indicator 10 kV – 1 ps., voltage indicator 35 kV – 1 ps., dielectric overshoes – 1 suit, dielectric gloves – 1 suit)
- Additional equipment (high-voltage insulator – 1 ps., heater– 1 ps.)
- Cable drums with cables and plug-and-socket
- Auto GAZ 2705 (with reequipment) or analog

Laboratory is calibrated in the bodies of The State Committee Of Ukraine For Technical Regulation And Consumer Policy.

Laboratory is supplied with the next documentation:

- Registration certificates and metrological certificats on the current and voltage transformers;
- Manual on PPL-110 (PPL-35);
- Metrological certificate on PPL-110 (PPL-35).