

Mobile PCR Laboratory MPL-1



Lab features:

- Serviced by one tech staff
- Adapted for in field usage
- Independent power supply
- Minimal test performance time
- Test results reading by fluorescence

Laboratory is designed for complete list of PCR tests, including tests for infections of human and animals, ecology contaminations and genetically modified ingredients.

Laboratory may let to perform all PCR steps, namely sample preparation, amplification and results analysis.

Tests are to be performed in fields with no permanent source of electricity available.

Laboratory setup is completed by one personnel in 10 min with capacity for autonomous performing up to 300 tests without battery recharging.

Laboratory is specially adapted for transportation and fields setup.

The instruments are packed in shock and water proof case.

Lab instruments:

1. PCR thermocycler "Tercyc"
2. PCR fluorimeter "Gene"
3. High-speed centrifuge "Minispin", Eppendorf
4. Low speed vortex-microfuge
5. Thermoincubator "Thermit»
6. Notebook computer
7. Variable pipettor set
8. PCR consumable (tubes, tips)
9. Portable power supply

Technical parameters

Case size	1230 430 170 mm
Power supply size	380 260 240 mm
Case mass	24 kg
Case mass	16 kg
Total mass	40 kg