



## E-59 KEY GENERATION STATION



- E-59 key generation station is the software-hardware complex designed to provide keys for СТМС «Сапфир-Е», «Круз-Е», «Корд-МЕ» (Е44).

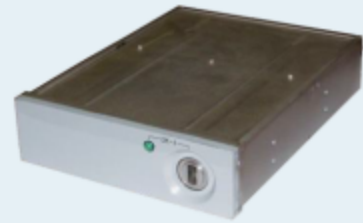
- E-59 station includes:
  - PC with installed OS (Windows);
  - special purpose microprocessor board;
  - random number generator (ГСЧ);
  - RIC-2 programmer;
  - 1634ДК6 programmer;
  - printer;
  - uninterruptible power supply (UPS).



RIC-2  
programmer



Special purpose  
microprocessor board



1634ДК6  
carrier programmer

- E-59 station provides:
  - random sequence generation based on physical noise, its improvement and statistical parameter control in accordance with given criteria;
  - generation of key information based on random sequence for «Сапфир-Е», «Круз-Е», «Корд-МЕ» (Е44);
  - its protected storage on PC hard disk and its output to RIC-2, CD-R, 1634ДК6 key carriers;
  - displaying of necessary service information on PC monitor;
  - generation and printout of key document labels if necessary;
  - automatic registration of all executed operations and printout of report if necessary;
  - unauthorized access protection;
  - automatic check of hardware-software serviceability when switching on and extended test according to operator request.
- Performance:
  - complete set generation – up to 30 s;
  - complete set output to RIC-2 – up to 5 minutes;
  - complete set output to 1634ДК6 – up to 5 minutes.