

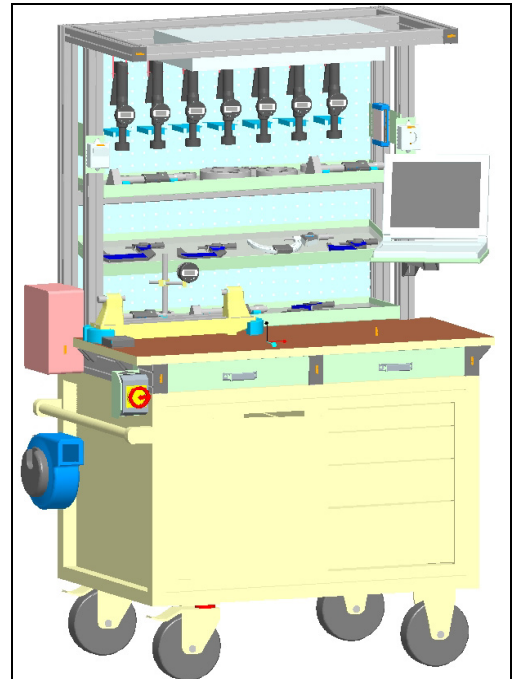
We have developed the mobile SPC measuring station supplied with several measuring tools, processing unit and workpiece storage to improve the mobility of tasks to be accomplished and the tools used during statistical process control.

## Main features

- Overall dimensions: 1925x1363x746 mm
- Turn radius: kb. 2,3 m
- Dimensions of bench: 1150x700 mm
- Height of work: 1000 mm
- Dimensions of storing drawer: 600x430x85 mm
- Net weight: ~ 150 kg
- Diameter of wheel: 200 mm
- Sample drawer (2pcs): 600x430x85 mm

Some possible optional upgrades:

- electric supply-main to provide power supply in the stationary state of measuring location (e.g. lighting),
- automatic cable take-up,
- note-book computer,
- VLAN radio connection to computer networks.



The mobile SPC measuring station has measuring gauges for providing the specific measuring vertices.

It was necessary in the configuration in the picture:

- measuring of 0-125 mm outside diameter,
- measuring of 10-100 mm inside diameter,
- measuring of 0-200 mm length,
- control of circularity.

The following measuring and accessory tools have been located during realization:

- callipers,
- outside micrometers 0-125mm (2 pcs of micrometer stand located on the bench),
- inside micrometers 10-100mm,
- stand to control circularity with 2 pcs of dial indicator.

Each measuring tool has electric data output and assembled with data cable, they are connected to the computer installed with data processing software with HNS SMUX-10 interfaces. During measurement the measured values directly get to HNS SPC system for storing and evaluation. The evaluation can be displayed immediately after recording the data of samples.

The tasks of measuring places can be organized by HNS SPC software.

Detailed information in connection with measuring tools, adapters and HNS SPC software can be seen in the HNS SPC brochure and on the web-site.

*We can develop mobile SPC measuring station supplied with any configuration of measuring tools on demand!*