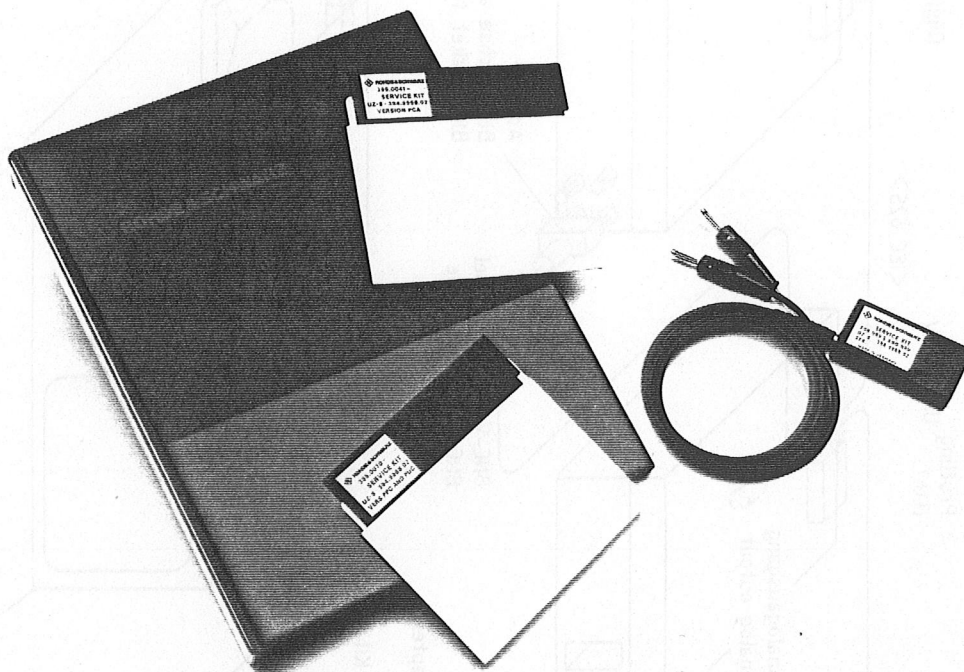


1.1 General Information

The Service Kit UZ-8 consists of an adapter for the basic units URV5 and NRV (cal adapter), a floppy disk for the R&S Controllers PUC/PPC and for a controller of the PCA family, and this manual.

Using this service kit together with a DC voltage calibrator and a digital multimeter, it is possible to calibrate the basic unit URV5 or NRV completely or check whether the error limits specified in the data sheet are adhered to. The complete procedure can be performed manually via the keyboard (Section 3) or automatically via the IEC bus (Section 2). IEC-bus controlled calibration requires an additional R&S Controller PUC/PPC or PCA. Using a printer PUD2/3, a test or calibration report can be generated (Fig. 1-1). The two floppy disks for the service kit contain the complete software for test, calibration and documentation as well as a service program for step-by-step analysis in the case of an error.

Since an instrument of other make is to be used as DC voltage calibrator, the required features - in particular for program-controlled operation - are described in detail in Section 1.5. Section 1.6 discusses matching of the software.

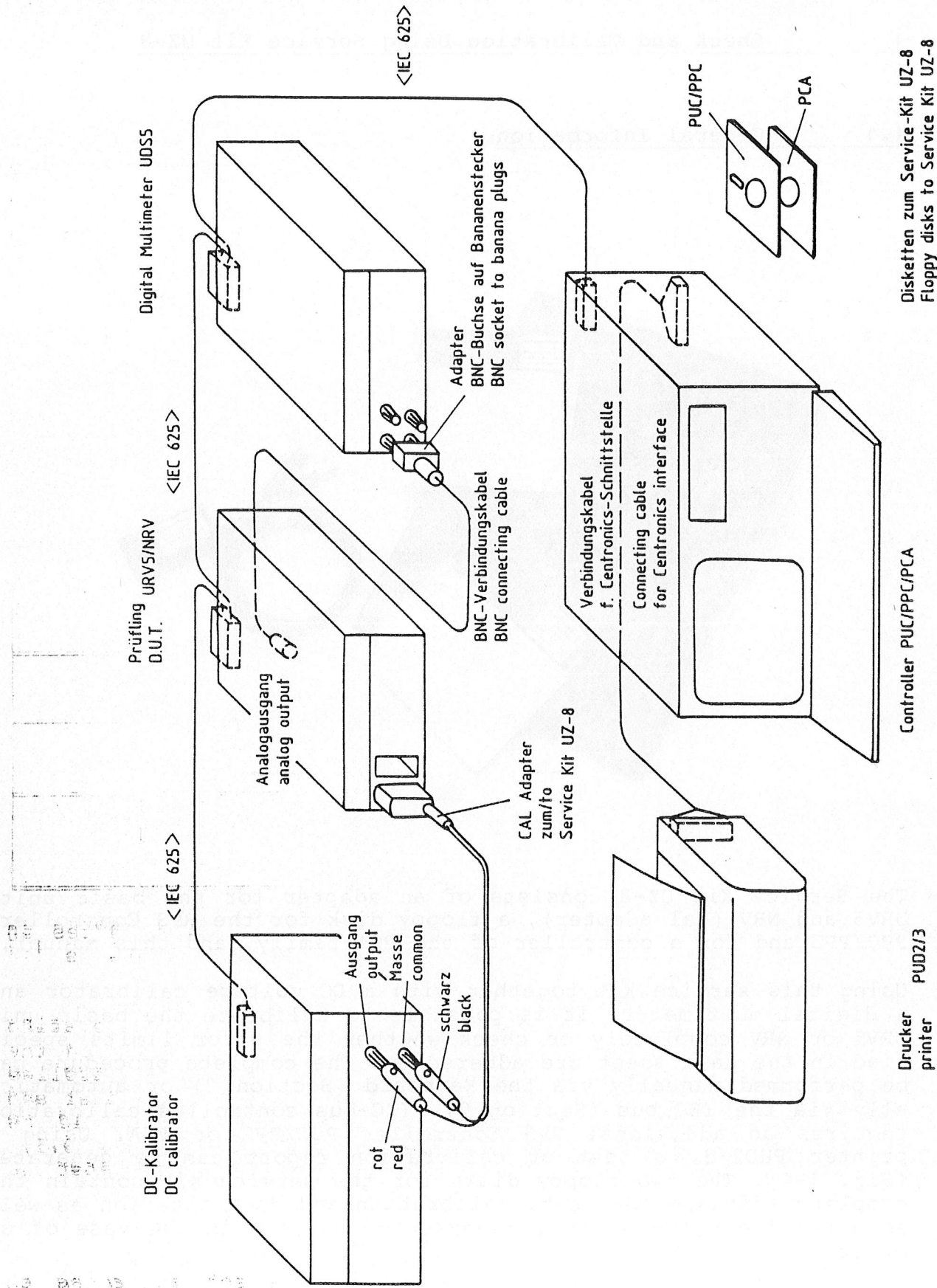


Fig. 1-1 Test system for check/calibration of URV5 and NRV