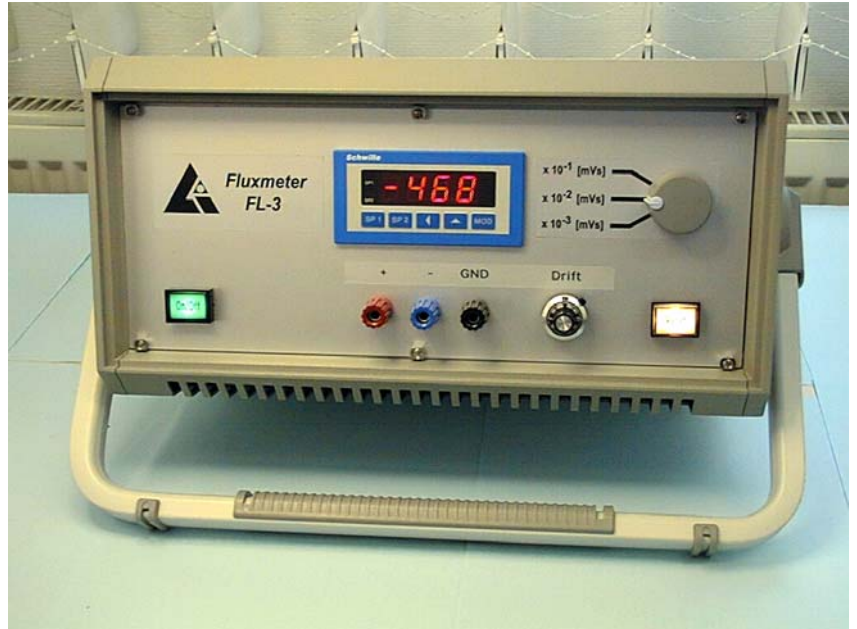




## FLUXMETER FL-3

The Fluxmeter FL-3 is an electronic integrator which measures the magnetic flux of all kind of magnetic systems. The main feature of this device is the high sensitivity and a minimum of drift.



All kind of coils or coil probes can be connected to the FLUXMETER FL-3. If the turn area is known (turn number x turn area) the flux density can be determined. A two-gang limit value comparator with the corresponding relays outputs for the limit

values is included, as well as a serial interface RS 232 for connection to a computer or printer.

Any custom made coils according to Helmholtz are available on request.

### *Technical Data*

|                     |   |
|---------------------|---|
| Measuring Range:    | $10^{-4}$ Vs / $10^{-5}$ Vs / $10^{-6}$ Vs        |
| Resolution:         | $1 \times 10^{-6}$ Vs                             |
| Input Resistance:   | 33 k $\Omega$ in all ranges                       |
| Drift:              | $\leq 5 \times 10^{-6}$ Vs/min                    |
| Connection:         | 230 V – 50/60 Hz                                  |
| Reset:              | Remote control of the zero reset                  |
| Limit Value Output: | 2 limit contacts for setting min. and max. values |
| Interface:          | serial RS 232                                     |
| Analog Output:      | BNC connection                                    |
| Dimensions:         | 350 x 190 x 270 mm                                |
| Weight:             | 7 kg  |

