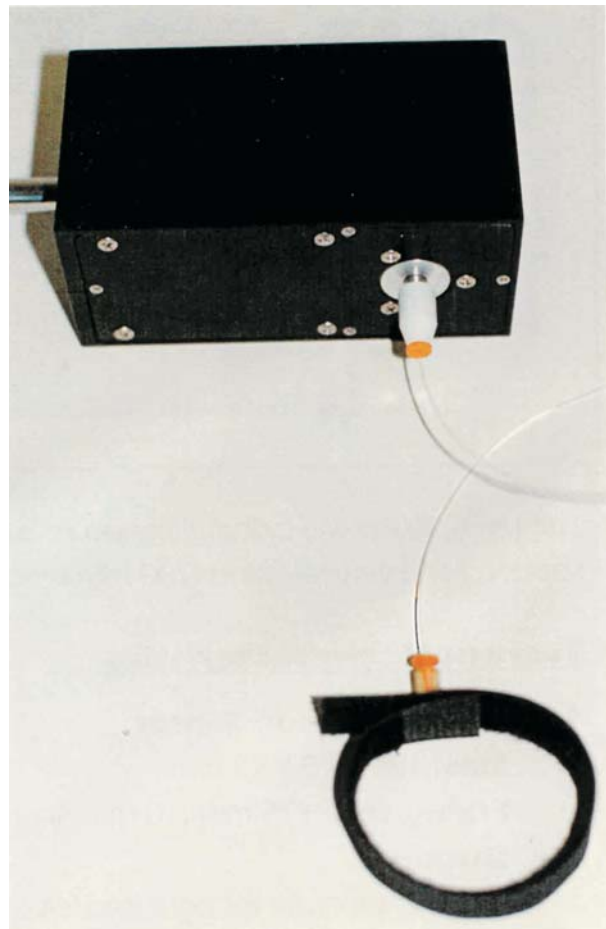


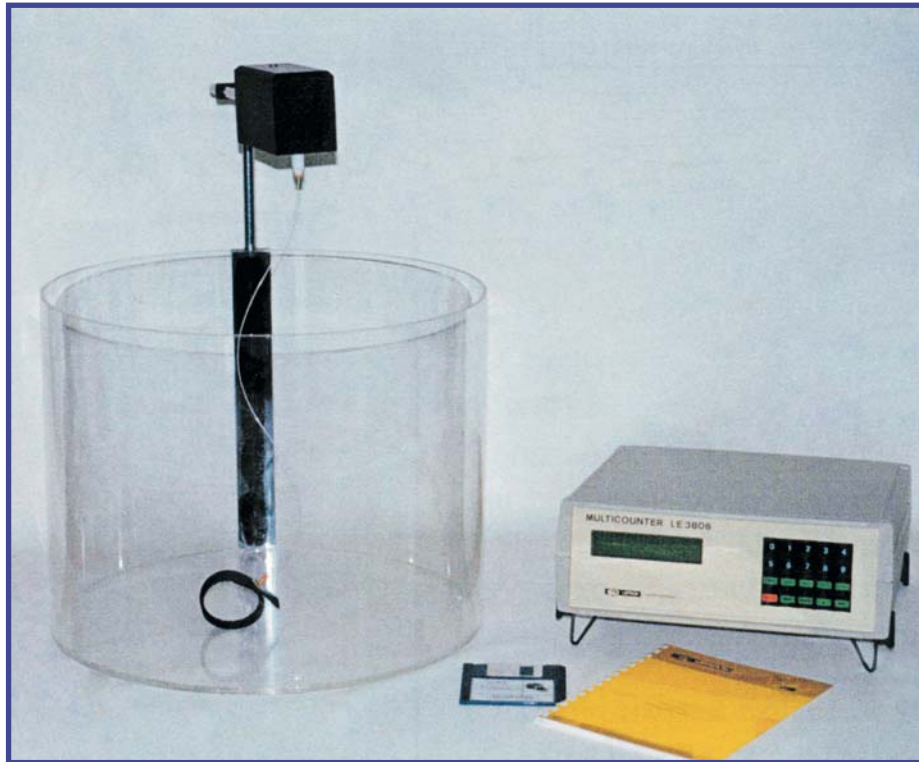
Rotation Behaviour

The LE 902 Rotometer is a set-up that includes the LE 902/Sr, a bidirectional low friction rotation sensor, the LE 902/As, an animal harness closed w/velcro and including a connecting wire and the LE 902/Rp, a cylindric container with a supporting rod (for mounting the rotation sensor).

The LE 902/Sr Rotation Sensor provides a double (right and left turns) output. Output signar is adjustable between 50 and 3.3 pulses/turns, thus offering an unique sensitivity; partial turns (not achieving the minimum angle)can be additive (accumulated until reaching theturn threshold) or not, according to user settings.

Output from the LE 902/Sr can be used to fed external counters, such as the LE 3332 Thermal Printer (up to 3 sensors) or the LE 3806 Multicounter (up to 15 sensors). The number of sensors is always considering separate counts for right and left turns. Both the LE 3332 and the LE 3806 provide time programming capability, thus making possible the obtainment of turns count at preselected time periods. The LE 3332 provide only printed output; the LE 3806 have a RS 232 communication port, and data is maintained permanently by back-up batteries. The LE 902/As is a separate adjustable animal harness closed with velcro, with a lenght that allows its use with a wide range of animals. The harness provides an easily managed fixing support for a connecting wire, for the linking between the animal and the rotation sensor





The LE 902/Rp is a cylindric container built-up of transparent perspex (3 mm), with a lateral support for a vertical stand (200 mm length).

Technical characteristics:

LE 902/Sr Rotation Sensor

Size: 125 x 70 x 55 mm
Fixing rod: 175 mm (10 mm dia.)
Output: TTL: separate for right and left turns
Sensitivity: 50 - 3.3 pulses/turn (in 15 steps: 50/step)
Input: - +5 V DC

LE 902/As

Harness: 20 x 1 50 mm;
Connecting wire: 400 mm

LE 902/Rp Container

Cylinder of transparent perspex: 400 x 300 (h) mm
Stand: 200 mm