

Rotation Behaviour

LF0806A



The LE 902 ROTOMETER is a system for recording the rotational behaviour. It is composed by:

LE 902/Sr a bidirectional low friction Rotation Sensor. It provides two output signals (left and right turns), which are adjustable among 2,4-3-4-6-9-12-18-36 pulses per complete turn.. The Rotation Sensor is supplied with a standard sensitivity of 4 pulses per turn. In this last case each pulse is equivalent to have done for the animal an arc of 90°.

LE 902/As or Mt a rat or mouse harness with jacket for mice and Velcro for rats

LE 902/Rp a cylindrical or oval container manufactured in transparent Perspex (3mm) with a support rod (200mm length) to facilitate the placement of the Rotation Sensor.

The number of pulses (leftwards and rightwards) can be counted by:

LE 902/Cc a double counter. One for each Rotation Sensor

LE 3806 MULTICOUNTER for to up 15 Rotation Sensor. It allows time settings, thus making possible the obtainment of pulse count at pre-selected time periods. This equip has a RS 232 communication port, and data are stored permanently by back-up batteries. A SEDACOM Software (included) shows in the PC the data in ASCII format and directly in turns (not in pulses). See catalogue of MULTICOUNTER



Technical characteristics:

LE 902/Sr Rotation Sensor

- Size: 125 x 70 x 55 mm*
- Fixing rod: 175 mm x 10 mm TTL Output, separate for right and left turns*
- Resolution: from 2,4 to 36 pulses/turn, selectable by user in steps of 2,4-4-9-12-18-36 pulses/turn.(origin:4)*
- Power: 5V*

LE 902/AS Rats Harness

LE 902/MT Mice Harness

Connecting wire: 400 mm

LE 902/Rp Containers (Transparent Perspex)

Cylindrical: 400 x 300 (h) mm

Oval: 400 x 200 (h) mm

