

LE 3806 Multicounter

LE 3806 - Multicounter is a general purpose programmable counter, able to manage data entering from up to 30 input channel. Input data can be provided by any kind of device able to supply TTL-logic output signals as well as by contact buttons or relays.

This instrument is designed to control data acquisition in a wide range of experimental situations, such as spontaneous motor activity measurement using running wheels, resistive or photoelectric activity-meters, exploratory activity measurement using hole-'96board apparatus, turning behaviour, etc. LE 3806 acts, in all the above mentioned situations, as a data-logger, securing data acquisition during long time periods. This makes it particularly useful when long lasting experiments should be carried out.

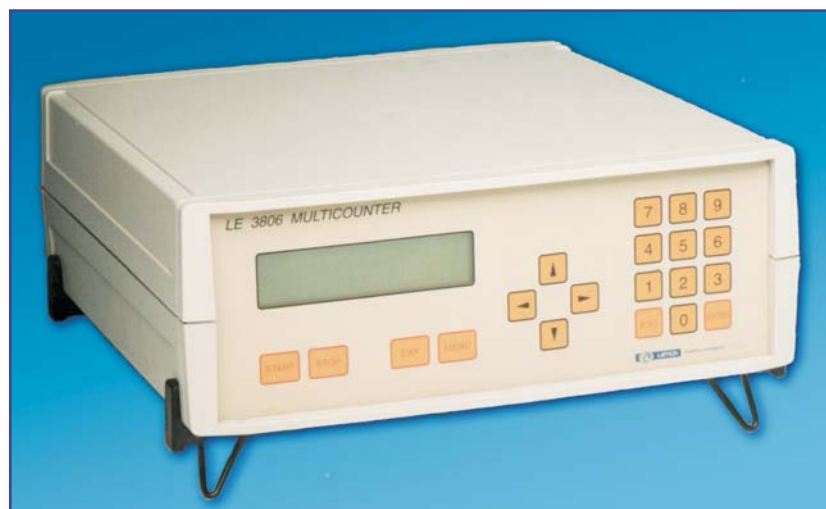
The main features of the LE 3806-Multicounter are:

A numeric and functions keyboard allows for the LE programming and control. A LCD display (16 characters/2 lines) gives information about the instrument functioning and makes real time data access and browsing possible.

Data integrity is secured even in case of mains failure, by means of memory supporting batteries.

Programming capability includes the length of the sampling period, during which input information is cummulated in the counter. Once the sampling period is over, the count value is transferred to permanent memory and the counter reset to zero.

The number of sampling periods forming part of a trial, as well as the number of trials forming an experiment can be also programmed.



Data memory is assigned dynamically according to the number of channels selected as input. Using 30 input channels, up to 500 sampling periods/channel can be stored.

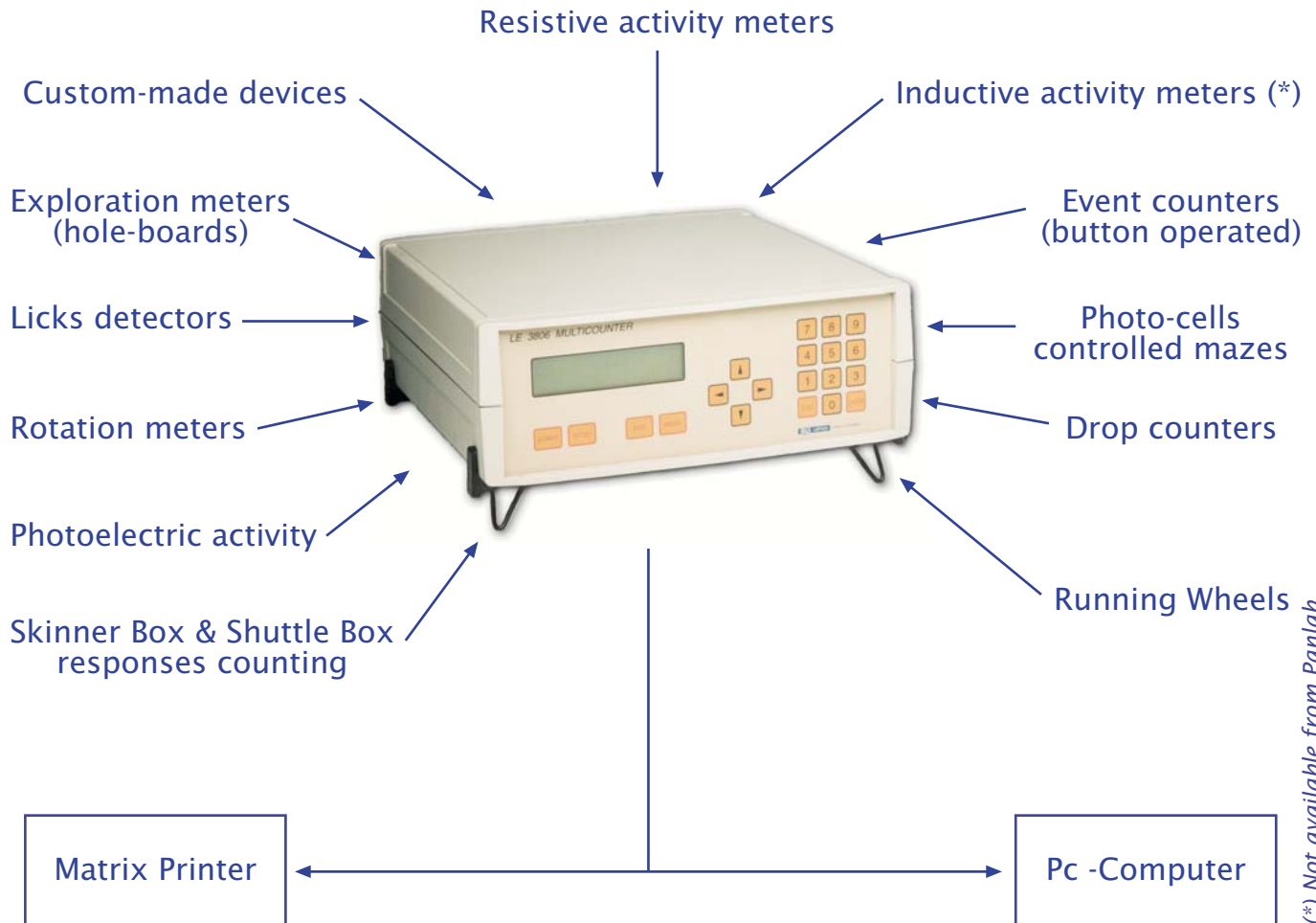
LE 3806 is supplied with a RS 232 connecting cable and a PC-Computer program to be used when data transfer between the Multicounter and the PC is necessary.

Data can be transferred, using a RS 232 standard communication port to a PC computer or a printer, once the experiment is over or each time the counters are reset to zero.

Dimensions:

288 x 307 x 102h (mm)

Exploring some input possibilities...



(*) Not available from Panlab

News 2004