

STUDENT EXPERIMENTS BIOLOGY

Application examples

LEYBOLD®



ECOLOGY / ENVIRONMENTAL ANALYSIS

TURBIDITY MEASUREMENT FROM WATERS

Turbidity is an important parameter to evaluate water quality. The turbidity can be easily measured on-site with Mobile CASSY 2 in combination with the Immersion photometer S.

BIOLOGY FOR HUMANS

NEUROBIOLOGY

The reaction time will be determined. Therefore the following questions must be clarified: Does our reaction time increase when we are distracted? How fast is the conductivity time of our nerves? The Hand and Foot switches with Reaction test adapter S connected with Mobile-CASSY 2 will provide the answers.

HUMAN PHYSIOLOGY

What influence does excitement have on our skin resistance? Does our blood pressure varies at rest and while in motion? These and other human biological analysis can be measured with various adapters S and also with the Mobile-CASSY 2 while on the move.



Reaction time



Blood pressure



Hearing threshold



Skin resistance