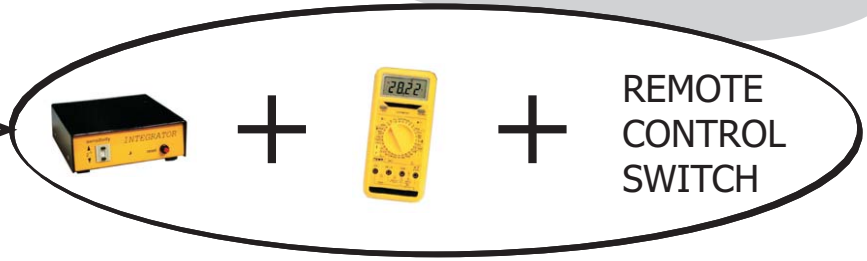
Utilization of the LAMBDA peristaltic pumps

Formation of gradients
(Volumes from 5 to 5000 ml)
- Pouring of gradient gels
- Gradient elutions in chromatography
- Centrifugation gradients

Controlled addition of acid, base or both for the stabilisation of pH in chemical and biological reactions, fermentations etc.
Control of oxidation / reduction potential with a corresponding controller

pH METER/CONTROLLER

As an electronic burette for precise addition of liquids for titrations etc.



Pumping of liquid with
continuously increasing velocity
(Cell or particle fractionation)

Visualisation of reaction velocities for ex. chemical hydrolysis of amides, esters, anhydrides etc.
Measurements of enzymatic activities of hydrolytic enzymes, culture activity during fermentations etc.

Liquid chromatography
Fraction collection
Transfer of liquids

pH METER/CONTROLLER