



C3.5.2 CONDUCTOMETRIC TITRATIONS

C3.5.2.3
Conductometric titration
using the Electrochemistry
demonstration unit

Conductometric titration using the Electrochemistry demonstration unit (C3.5.2.3)

Cat. No.	Description	C3.5.2.3
664 4071	Electrochemistry demonstration unit, CPS	1
666 425	Panel frame C50, two-level, for CPS	1
666 472	Table for electrochemistry, CPS	1
664 401	Electrochemistry accessories set	1
665 212	Glass stirring rod 200 x 8 mm Ø	1
665 997	Graduated pipette 10 ml	1
666 003	Pipetting ball (Peleus ball)	1
665 843	Burette clear glass, 10 ml, side stopcock	1
665 816	Burette filling funnel plastic, 35 mm Ø	1
300 02	Stand base, V-shaped, small	1
300 42	Stand rod, 47 cm, 12 mm diam.	1
666 559	Burette clamp for 1 burette, roller clamp	1
675 3400	Water, pure, 1 l	1
674 6900	Hydrochloric acid, 1 mol/l, 500 ml	1
673 8421	Sodium hydroxide solution, 1 mol/l, 1 l	1
674 2500	Phenolphthalein solution, 100 ml	1*

* additionally recommended

In experiment C3.5.2.3 a conductivity titration is carried out using the electrochemistry demonstration unit. The reaction takes place in an electrolysis cell while two nickel electrodes are used for measuring the electrical potential differences.