



C1.5.3 CORROSION

C1.5.3.2 Experiments with the corrosion set

Experiments with the corrosion set (C1.5.3.2)

Cat. No.	Description	C1.5.3.2
664 3561	Corrosion set	1
531 94	AV meter	1
501 45	Connecting lead 19 A, 50 cm, red/blue, pair	1
501 861	Crocodile-clips, polished, set of 6	1
664 391ET4	Grindstones, set of 4	1
674 7920	Sulfuric acid, diluted, approx. 2 N (= 10 %), 500 ml	1
665 756	Measuring cylinder 500 ml, with plastic base	1
665 997	Graduated pipette 10 ml	1
666 003	Pipetting ball (Peleus ball)	1
665 212	Glass stirring rod 200 x 8 mm Ø	1

Experiment C1.5.3.2 demonstrates that every type of corrosion has its origin in chemical and electrochemical processes. Different metals generate an electric voltage when they are immersed in an electrically conductive medium at the same time, such as diluted sulfuric acid. The further apart the metals are in the electrochemical series the higher that voltage.