

Digital science education

The complete solution by PHYWE

Content	Pages
Digital science education in the classroom – classroom teaching	02 • 03
Digital science education at home – Homeschooling	04 • 05
Digital science education in nature	06 • 07
The 3-in-1 tablet Cobra SMARTlink	08 • 09
The smart solution for digital measurement – Cobra SMARTsense	10 • 11
The mobile and comfortable storage – SensorCase Cobra SMARTsense	12 • 13
The digital All-in-one experiment sets Cobra SMARTexperiments and Cobra DigiCart	14 • 15
The award-winning teaching and learning platform curricuLAB®	16 • 17
The excellent measuring-software measureAPP and measureLAB	18 • 19
All experiment sets for students (TESS) at a glance	20 • 21
All experiment sets for teachers (DEMO) at a glance	22 • 23
Our service for you	24

This is how **digital teaching** works today

Whether classroom teaching, homeschooling or teaching in nature – the way of teaching has changed. Digitalization has reached us in all areas of life, and this also applies to our schools. Many programs were initiated so that school lessons can be designed in a contemporary way. Funding is not enough, however – you need practical solutions for teaching science.

At PHYWE, we have developed a concept for digital teaching that consists of four components:



Experiment sets



Sensors



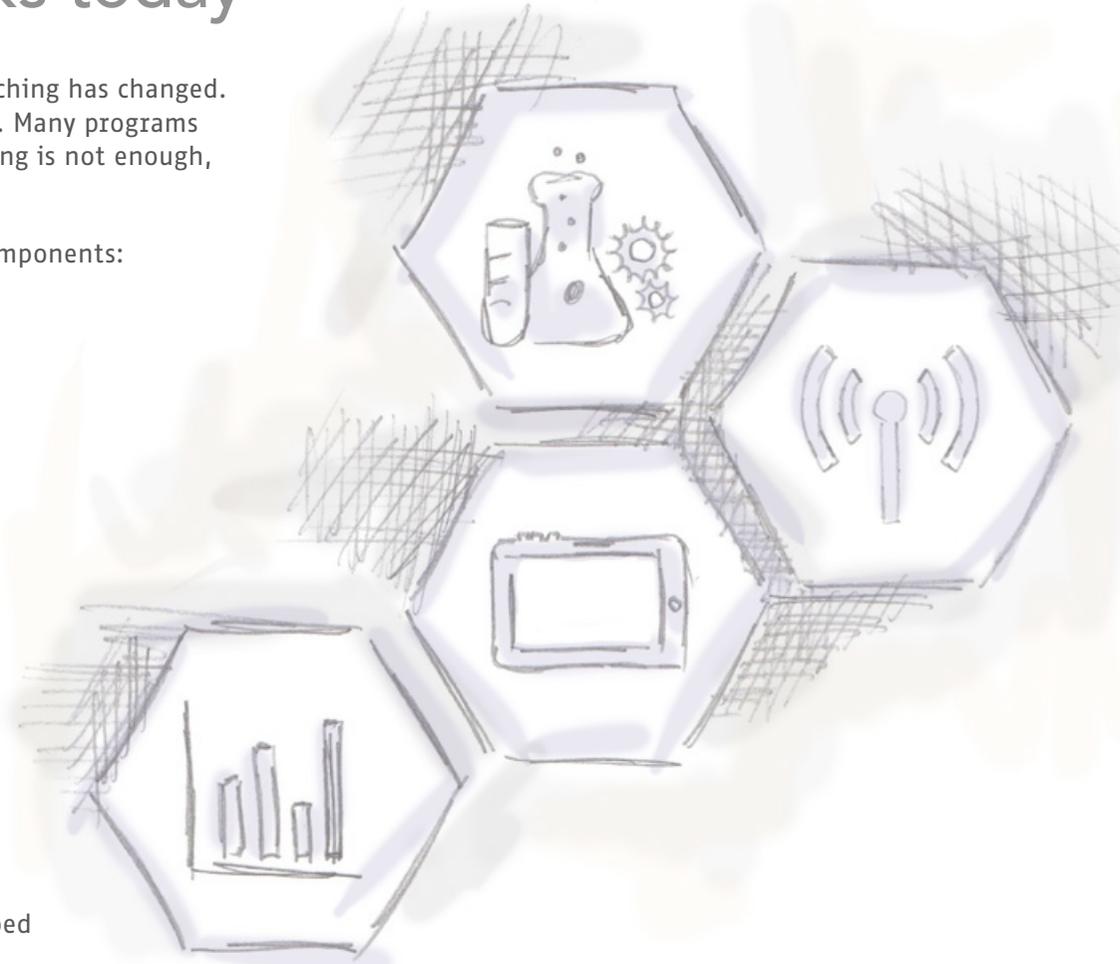
Display unit



Software

With this well thought out solution that relates directly to your curriculum, you can design your school lesson simple, progressive and time-saving. Be state-of-the-art: Work with modern, high-performance hardware, supported by our specially developed software and combine this individually with our digital sensors and the tried and tested TESS sets.

Get to know our digital product portfolio now.



Digital science education in the classroom

Simple. Direct. Experiment.

Face-to-face teaching rethought through the use of experiment sets that conform to the curriculum, state-of-the-art sensors, powerful display units, the most advanced measurement software and excellent teaching and learning platform.



Cobra SMARTlink



Simple. Digital. Experiment.



Cobra SMARTlink is a state-of-the-art, high-performance 3-in-1 tablet: Measuring device, display unit and Android-tablet for your digital science education. Especially good, easy and reliable to use in student experiments.

Further info on page 8

Item no: 12999-99



measureAPP



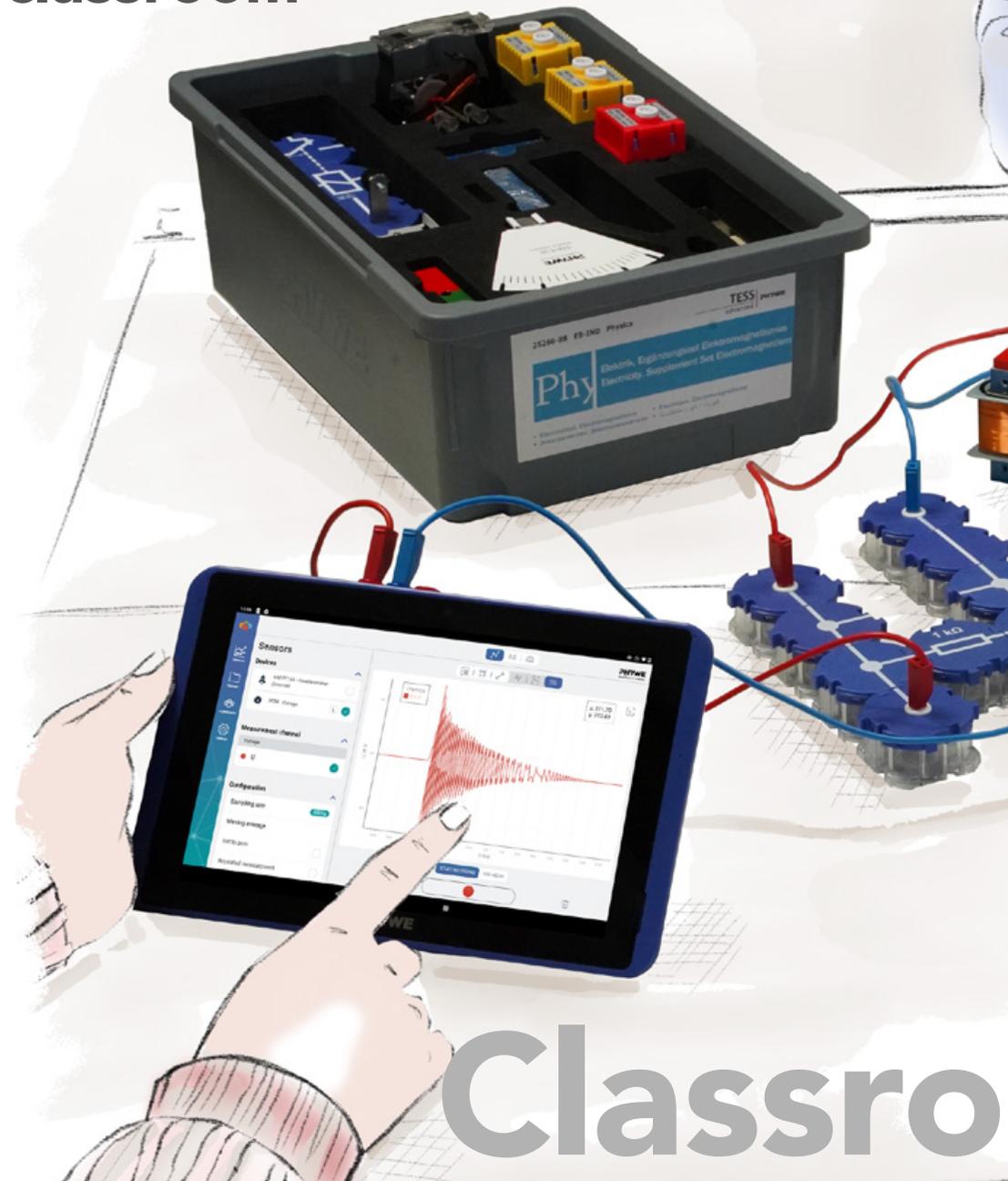
Simple. Mobile. Measurement.



measureAPP is the mobile app for quick and easy datalogging of measured values in your digital science education.

Further info on page 18

Item no: 14581-61



Classro



A group of students experimenting with the experiment "Generating an alternating voltage, rectifying and smoothing with Cobra SMARTsense (P1331369)

om teaching



curriculaLAB®  
Simple. Digital. Teaching.



curriculaLAB® is the award-winning teaching and learning platform for a quick and uncomplicated access to digital science education.

Further info on page 16

Item no: 14577-62



Cobra SMARTsense  
Simple. Intuitive. Measurement.



With the Cobra SMARTsense sensors, PHYWE offers the ideal solution for the inexpensive implementation of digitization of school lessons.

Further info on page 10



Experiment sets for students (TESS)
Simple. Complete. Experiment.



With TESS, PHYWE offers a simple, safe and time-saving solution for student experiments in digital science.

Further info on page 20

Digital science education at home

Simple. Networking. Experiment.

Homeschooling means digital teaching outside of school. In order for you to make this just as efficient and successful as your classroom teaching, you need an excellent teaching and learning platform, easy-to-use sensors, a powerful display unit and advanced measurement software.



Cobra SMARTlink



Simple. Digital. Experiment.



The 3-in-1 Cobra SMARTlink tablet is the ideal display unit for digital content in the context of homeschooling. Thanks to the large number of integrated sensors, it is also perfect for experimenting at home.

Further info on page 8

Item no: 12999-99



measureAPP



Simple. Mobile. Measurement.



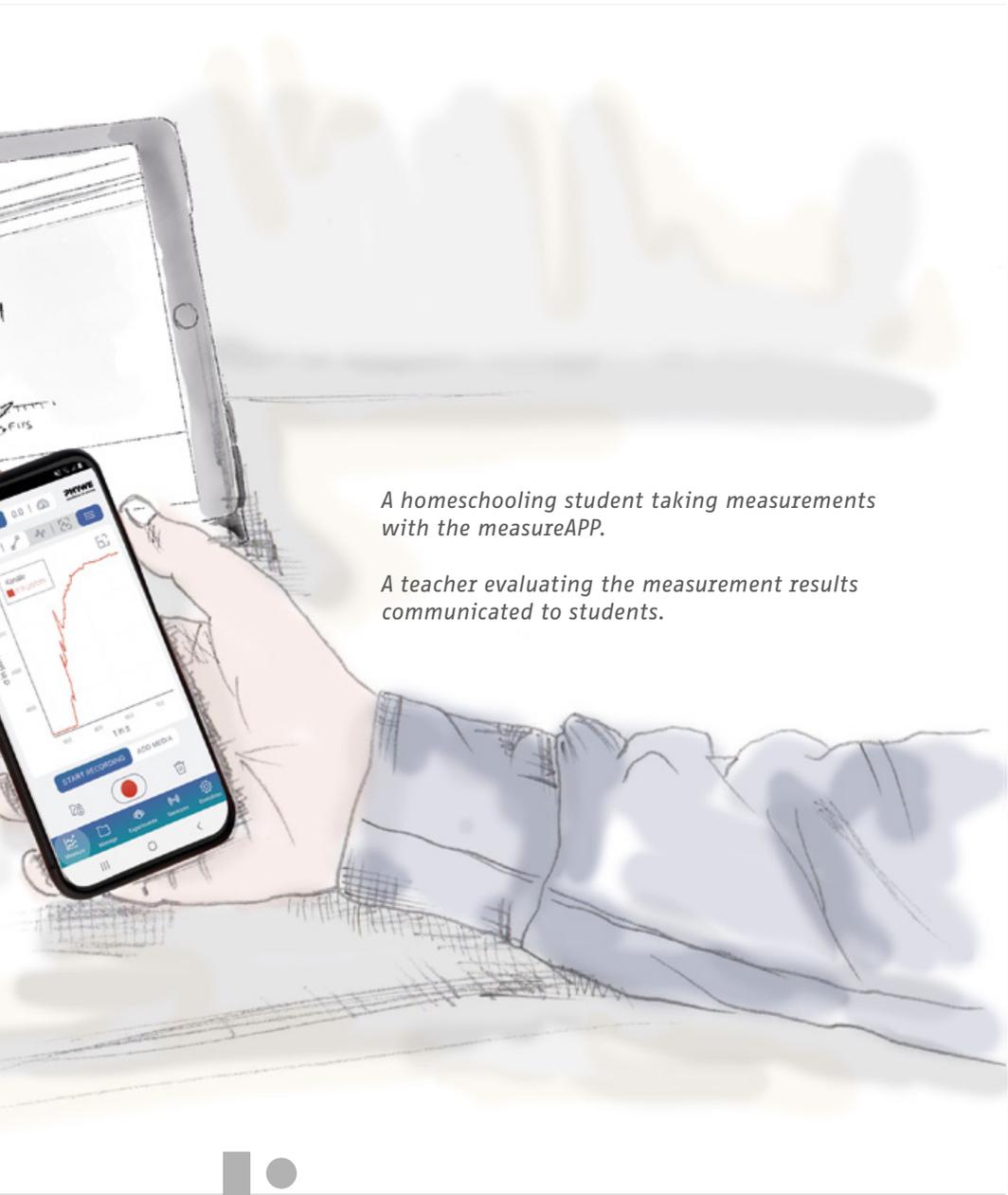
The measuring software measureAPP, which is available for all platforms and devices, is the ideal accompaniment for your students in homeschooling.

Further info on page 18

Item no: 14581-61



Homesch



A homeschooling student taking measurements with the measureAPP.

A teacher evaluating the measurement results communicated to students.

ooling



curricuLAB® Simple. Digital. Teaching.



The excellent teaching and learning platform **curricuLAB®** is perfectly suited for providing your digital learning content and experimental literature in homeschooling.

Further info on page 16

Item no: 14577-62



measureLAB Simple. Precise. Measurement.



The measurement software **measureLAB** supports you with very fast measurement recordings and with the detailed evaluation of your own measurement results and those of the students.

Further info on page 19

Item no: 14580-61



Experiment sets for teachers (DEMO) Simple. Complete. Demonstrate.



Our experiment sets for teachers are perfect for demonstration experiments in the context of homeschooling.

Further info on page 22

Digital science education in nature

Simple. Mobile. Experiment.

Mobile teaching in the environment and in the field is very important, but it poses a number of challenges. Be perfectly prepared with specially coordinated experiment sets, mobile and durable measuring devices and display units, robust sensors and advanced measuring software.



Cobra SMARTlink



Simple. Digital. Experiment.



With its long-lasting battery, the large and bright display and the already integrated sensors, the 3-in-1 Tablet Cobra SMARTlink is perfect for experimenting in nature.

Further info on page 8

Item no: 12999-99



measureAPP



Simple. Mobile. Measurement.



The mobile measuring software measureAPP is the ideal companion for the simple and fast acquisition of measured values, also in the environment and in the field.

Further info on page 18

Item no: 14581-61

Teaching



in nature



curricuLAB® Simple. Digital. Teaching.



The curricuLAB® teaching and learning platform is perfect for the provision of your digital learning content and descriptions of experiments in nature.

Further info on page 16

Item no: 14577-62



Cobra SMARTsense Simple. Intuitive. Measurement.



Our mobile Cobra SMARTsense sensors are ideal for teaching in nature.

Further info on page 10



Experiment sets for students (TESS) Simple. Complete. Experiment.



Our experiment sets for students, specially designed for use in nature, include everything you need outside of the classroom.

Further info on page 20



Cobra SMARTlink



Simple. Digital. Experiment.

Cobra SMARTlink is a state-of-the-art, high-performance 3-in 1 tablet:

- **Measuring device:** Start measuring directly with 7 integrated sensors and the pre-installed measurement software measureAPP, 4 USB-Ports for connection of additional sensors, microphone and GPS-sensor
- **Display unit:** A brilliant 10.1 "display offers sufficient space for all applications
- **Android tablet:** Access to more than 3 million apps in the Google Play Store

Especially recommended for student experiments as it can be used simple, good and reliably.



"Everything you need, exactly what you want."



Start measuring directly with 7 integrated sensors and the pre-installed measurement software measureAPP:

- Acceleration
- Light
- Voltage
- Temperature (2x)
- UV
- Humidity
- Current

Enough power for all your applications.



A powerful 8-core processor with a clock rate of 2 GHz, 4 GB of RAM and a 64 GB SSD hard drive ensure that everything always runs smoothly.

On your marks, get set, go!



The pre-installed measureAPP offers more than 150 experimental descriptions for all subjects.

Everything in perfect view.



The brilliant 10.1 "full HD display offers sufficient space and a razor-sharp display.

Everything you need in perfect storage.



In case you need a little more.



More than 40 Cobra SMARTsense sensors can be connected via Bluetooth and USB.

Perfect for experimenting, but not only.



There are more than 3 million apps from the Google Play Store ready for use.

Battery for the whole day ... and more.



The large battery with 10.000 mAh ensures use throughout the (school) day.

The accessories for the Cobra SMARTlink include 2 connection cables 4 mm (red, blue), 2 temperature sensors type K, a USB type C charging cable with charging adapter and an easily understandable manual. The sturdy packaging cardboard including storage box enables a quick check for completeness.

Cobra SMARTlink

Item no: 12999-99

Cobra SMARTlink – SMARTlink version for non-eu countries

Item no: 12999-99E



Cobra SMARTsense

Simple. Intuitive. Measurement.

Cobra SMARTsense Sensors for Physics													
Sensor	Voltage	Current	Force & Acceleration	Temperature	Dual Photogate	Pressure	Acceleration	Motion	3-Axis Magnetic field	Light	Radioactivity	Surface Temperature	High Current
Image													
Measured value	Voltage	Current	Acceleration	Temperature	Time	Pressure	Acceleration	Distance	Magnetic flux	Brightness	Radioactivity	Surface Temperature	Current
Measurement range	± 30 V *	± 1 A *	± 50 N / ± 16 g	- 40...120 °C	0 ... ∞ s	20...400 kPa	± 8 g	0,20...2 m	130 mT / 5 mT	1...128 klx	0...40000 c/min	- 25...125 °C	±10 A *
Resolution	0,02 V	0,5 mA	30 mN	0,01 °C	0,01 ms	0,1 kPa	0,01 g	1 mm	0,1 mT / 0,001 mT	1 lx	1 c/min	0,1 °C	10 mA
Sampling rate	1 kHz / 10 kHz	1 kHz / 10 kHz	1000 Hz	10 Hz	1000 Hz	500 Hz	100 Hz	50 Hz	20 Hz	10 Hz	100 Hz	10 Hz	1000 Hz
Battery	Li-ion battery	Li-ion battery	Li-ion battery	CR2032	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery
Item number	12901-01	12902-01	12943-00	12903-00	12945-00	12905-01	12907-01	12908-01	12947-00	12906-01	12937-01	12917-01	12925-00

Cobra SMARTsense Sensors for Physics					
Sensor	Rotary Motion	Energy	Sound	Wide Range Temperature	Photogate
Image					
Measured value	Angle	Current, Voltage Work	Sound level	Temperature	Time
Measurement range	30 rps	± 30 V / ± 1 A	0,1..15 kHz / 55..110dB	- 20...330 °C	0 ... ∞ s
Resolution	0,125°	1mV; 40 µA	0,1 dB	C = 0,01°C	0,01 ms
Sampling rate	100 Hz	100 Hz	10 Hz (Soundlevel); 32kHz (Soundsignal) at USB	10 Hz	1000 Hz
Battery	Li-ion battery	Li-ion battery	Li-ion battery	CR2032	Li-ion battery
Item number	12918-00	12919-00	12939-00	12910-00	12909-00

Cobra SMARTsense Sensors for Science						
Voltage	Current	Temperature	Force & Acceleration	Light	CO ₂	Humidity
						
Voltage	Current	Temperature	Acceleration	Brightness	CO ₂ Concentration	Humidity
± 30 V *	± 1 A *	- 40...120 °C	± 50 N / ± 16 g	1...128 klx	0...100.000ppm	0...100 % rH
0,02 V	0,5 mA	0,01 °C	30 mN	1 lx	2 ppm	0,1 % rH
1 kHz / 10 kHz	1 kHz / 10 kHz	10 Hz	1000 Hz	10 Hz	1 Hz	10 Hz
Li-ion battery	Li-ion battery	CR2032	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery
12901-01	12902-01	12903-00	12943-00	12906-01	12932-01	12931-01

* Overvoltage protection

Cobra SMARTsense Sensors for Chemistry

Sensor	pH	Conductivity	Dropcounter	Colorimeter	Thermocouple	Nitrate Ion	Ammonium Ion	Chloride Ion	Calcium Ion	Potassium Ion	Oxygen Reduction Potential (ORP)	Temperature	Methane
Image													
Measured value	pH	Conductivity	Drop count	Transmission	Temperature	Nitrat-Concentration	Ammonium-Concentration	Chloride-Concentration	Calcium-Concentration	Potassium-Concentration	Redoxpotential	Temperature	Methane-Concentration
Measurement range	0...14 pH	0...20.000 µS/cm 0...100 °C	0...∞ Imp	0...100 %, 0...3 abs, 0...400 NTU	-200...1.200 °C	0,6...6200 ppm	0,9...1800 ppm	1,8...3550 ppm	0,4...4000 ppm	0,4...3900 ppm	-2000...2000 mV	- 40...120 °C	0...10000 ppm
Resolution	0,01 pH	8 µS/cm, 0,1 °C	30 Imp/s	0,1%, 0,01 abs	0,1 °C	2 ppm	0,5 ppm	1 ppm	1 ppm	1 ppm	1 mV	0,01 °C	3 ppm
Sampling rate	100 Hz	10 Hz	50 Hz	1 Hz	10 Hz	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz	10 Hz	100 Hz
Battery	CR2032	CR2032	Li-ion battery	Li-ion battery	Li-ion battery	CR2032	CR2032	CR2032	CR2032	CR2032	CR2032	CR2032	Li-ion battery
Item number	12921-00	12922-00	12923-00	12924-01	12938-01	12912-00	12913-00	12914-00	12915-00	12916-00	12927-00	12903-00	12949-00

Cobra SMARTsense Sensors for Biology

Sensor	Humidity	EKG	CO ₂	Spirometer	Heart rate	Oxygene	Blood pressure	Skin resistance	Ethanol vapor	Weather station	pH	Conductivity	Methane
Image													
Measured value	Humidity	Voltage	CO ₂ -Concentration	Volume flow	Heart rate	CO ₂ -Concentration	Blood pressure	Skin resistance	Ethanol-Concentration	Pressure, Humidity, Temperature	pH	Conductivity	Methane-Concentration
Measurement range	0...100 % rH	0...4,5 mV	0...100.000ppm	± 10 l/s	30...200 bpm	0...20 mg/l 0...100 %	30...200 bpm	0...10 µS	0...3 %	0...10 µS	0...14 pH	0...20.000 µS/cm 0...100 °C	0...10000 ppm
Resolution	0,1 % rH	4,5 µV	2 ppm	0,01 l/s	1 bpm	0,01 mg/l, 0,1 %	1 bpm	0,01 µS	...	0,01 µS	0,01 pH	8 µS/cm, 0,1 °C	3 ppm
Sampling rate	10 Hz	1000 Hz	1 Hz	200 Hz	10 Hz	100 Hz	10 Hz	100 Hz	100 Hz	0,01 µS	100 Hz	10 Hz	100 Hz
Battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	Li-ion battery	CR2032	CR2032	Li-ion battery
Item number	12931-01	12934-01	12932-01	12936-01	12935-01	12933-01	12944-00	12942-00	12948-00	12946-00	12921-00	12922-00	12949-00

* Overvoltage protection

Accessories: USB quick charger with 6 USB ports Item number: 07934-99

Button cell CR2032, 3V (2 pcs) Item number: 07922-17

measureAPP Item number: 14581-61 for free



SensorCases for Cobra SMARTsense

Simple. Perfect. Storage.

SensorCase
Cobra SMARTlink **PHYWE**

The SensorCases Cobra SMARTsense are the smart solution for comfortable and mobile storage. The sturdy sensor cases with 16-fold automatic charger, robust wheels and pull-out bare telescopic handle contain all equipment in a box with up to 56 Cobra SMARTsense sensors in stable foams.



SensorCase Cobra SMARTlink, 8-fold

Item number: 12986-88 1 unit

SensorCase Cobra SMARTlink, 16-fold

Item number: 12987-88 1 unit

SensorCase Cobra SMARTsense

PHYWE

Phy



1x

16 x



16 x



16 x



8 x



Cobra SMARTsense – Voltage, ± 30 V (Bluetooth + USB)	Item number: 12901-01	16 unit
Cobra SMARTsense – Current, ± 1 A (Bluetooth + USB)	Item number: 12902-01	16 unit
Cobra SMARTsense – Temperature, $-40 \dots 120$ °C	Item number: 12903-00	16 unit
Cobra SMARTsense – Force and Acceleration	Item number: 12943-00	8 unit
SensorCase for Cobra SMARTsense	Item number: 12980-00	1 unit

SensorCase Cobra SMARTsense, Physics, 16-fold	Item number: 12981-88	Set
--	-----------------------	-----

Che



1x

16 x



16 x



16 x



1 x



Cobra SMARTsense – Temperature, $-40 \dots 120$ °C	Item number: 12903-00	16 units
Cobra SMARTsense – Thermocouple, $-200 \dots +1200$ °C (Bluetooth + USB)	Item number: 12938-01	16 units
Cobra SMARTsense – pH, $0 \dots 14$ (Bluetooth)	Item number: 12921-00	16 units
Cobra SMARTsense – Dropcounter, $0 \dots \infty$	Item number: 12923-00	1 units
SensorCase for Cobra SMARTsense	Item number: 12980-00	1 units

SensorCase Cobra SMARTsense, Chemistry, 16-fold	Item number: 12982-88	Set
--	-----------------------	-----

Bio



1x

16 x



8 x



16 x



8 x



Cobra SMARTsense – Temperature, $-40 \dots 120$ °C (Bluetooth)	Item number: 12903-00	16 units
Cobra SMARTsense – CO ₂ , $0 \dots 100000$ ppm (Bluetooth + USB)	Item number: 12932-01	8 units
Cobra SMARTsense – Heart Rate, $30 \dots 200$ bpm (Bluetooth + USB)	Item number: 12935-01	16 units
Cobra SMARTsense – EKG, $0 \dots 4,5$ mV (Bluetooth)	Item number: 12934-00	8 units
SensorCase for Cobra SMARTsense	Item number: 12980-00	1 unit

SensorCase Cobra SMARTsense, Biology, 16-fold	Item number: 12983-88	Set
--	-----------------------	-----



Cobra SMARTexperiments

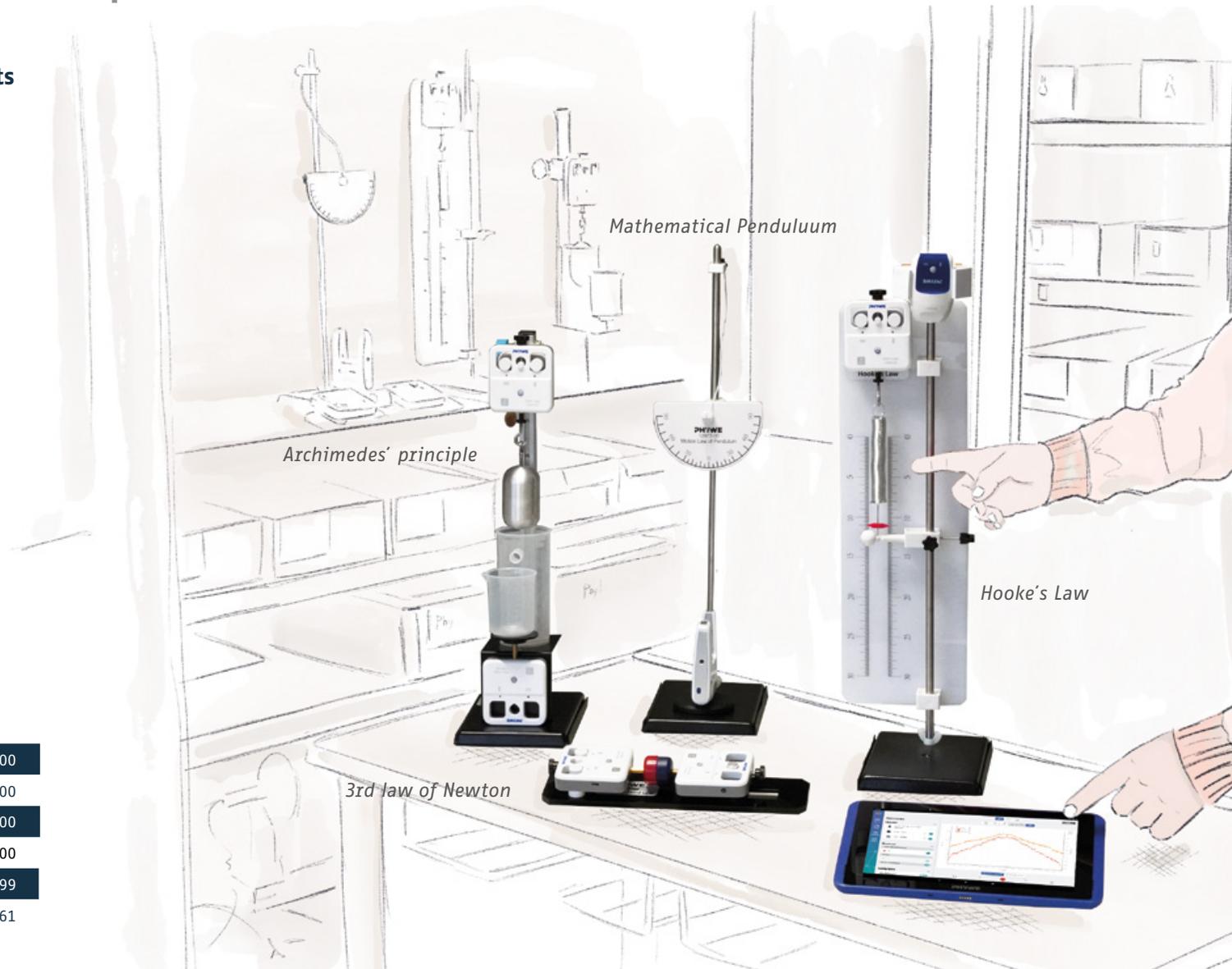
Cobra
SMARTexperiments 

Simple. Smart. Experiment.

Cobra SMARTexperiments contain all components and sensors necessary for measurement

All-in-one-experiment – no lengthy setup, no interface necessary!

- Remove from cabinet
- Switch on
- Quick and intuitive measurement



3rd law of Newton Item number: 12973-00

Hooke's law Item number: 12970-00

Mathematical pendulum Item number: 12972-00

Archimedes' principle Item number: 12971-00

USB quick charger with 6 USB ports Item number: 07934-99

measureAPP Item number: 14581-61



Cobra DigiCart ✧

Simple. Complete. Dynamic.

The All-in-One System Cobra DigiCart – the whole world of dynamics and kinetics in one set.

- 8 experiments in Basic set and additional 4 experiments in Expert-Set
- 4 integrated sensors (Force-, Speed-, Acceleration- and Positionsensor)
- Communication via modern Bluetooth technology
- Powerful, longlasting Lithium-ion batteries with automatic charge protection
- Simple charging via USB



Cobra DigiCart Basic Set	Item number: 12940-77
Cobra DigiCart Expert Set	Item number: 12940-88
Cobra DigiCart (blue)	Item number: 12940-01
Cobra DigiCart (white)	Item number: 12940-00
Cobra DigiCartApp	Item number: 14582-61



ios





Simple. Digital. Teaching.

With the new teaching and learning platform **curricuLAB[®] PHYWE** offers a fast and uncomplicated entry into digital teaching. With more than 1800 curriculum-compliant contents for all topics (physics, chemistry, biology or nature and technology), more than 400 in digital form, and thousands of additional contents **curricuLAB[®]** is one of the biggest experiment data bases for the digital science lessons.

Something for everyone.

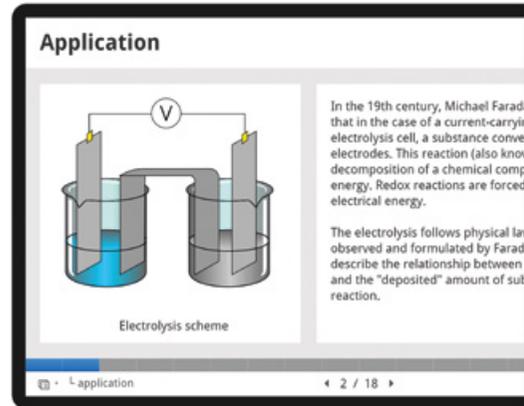
More than 4000 didactical based and interactive teaching and learning contents.

Learning content, that inspires.

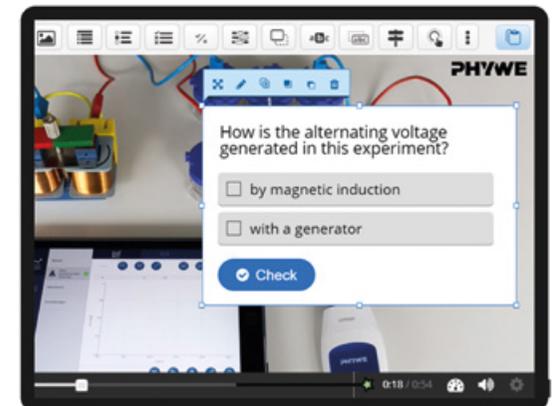
Interactive and practical content motivates and makes you want more.

It could hardly be easier.

The intuitive editor makes every change a breeze.

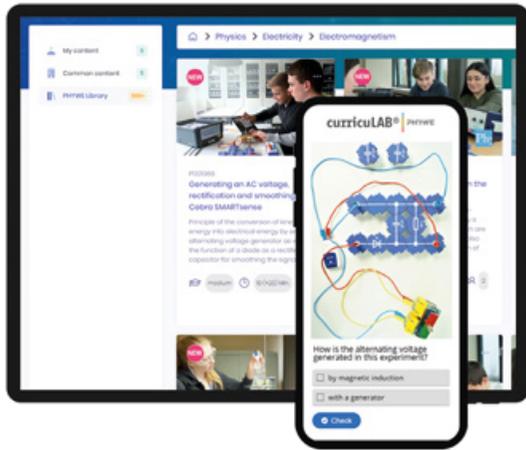


Awarded with the Comenius-EduMedia-Seal 2021 as a teaching and learning management system of outstanding pedagogical, content and design quality.



No limits to creativity.

Choose from more than 40 highly interactive content types to create your own content.



Share content quickly and easy.

Sharing of content using links or QR codes that comply with data protection regulations.



For all platforms and end devices.

curricuLAB® is platform-independent and runs on all Internet-capable end devices.



What our customers say:



Peter Gromes
Comenius-Schule,
Herborn

"curricuLAB® offers an excellent basis for student experiments in the classroom. A truly successful tool for the digital age."



Marija Vlaski
Adorno-Gymnasium,
Frankfurt am Main

"With curricuLAB® we can easily prepare our learning content in a digital and modern way - for teaching and working at home. We can create the content in the student council and then quickly adapt it individually according to the personal ideas of our colleagues. For us this is a real workload reduction!"

**Would you like to test curricuLAB® without obligation?
Then get your free demo access in 2 minutes at www.curriculab.de.**

curricuLAB® Single license Item number: 14578-62

curricuLAB® School license Item number: 14577-62



measureAPP     

Simple. Mobile. Measurement.

measureAPP 

PHYWE measureAPP is the app for simple and fast data logging in your digital science education. In combination with our Cobra SMARTsense sensors we offer you an intuitive, simple and modern overall solution that leaves nothing to be desired.



Awarded the Comenius-EduMedia-Seal 2020 as an educational medium which is outstanding in terms of pedagogy, content and design.

So simple that it's almost too simple.

Quick and intuitive measuring (just 2 clicks for data recording).

Data exchange made easy.

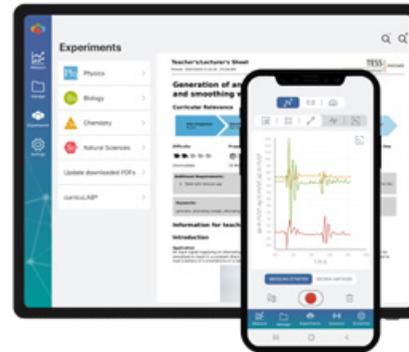
Wireless data exchange and connection of Cobra SMARTsense sensors via bluetooth and USB.

Something for everyone.

Find and open more than 150 experiment descriptions directly in the app.

Your ideal companion.

Create individual notes, photos or videos to document the measurement results.



measureAPP –the free measurement software for all devices and operating systems Item number: 14581-61



measureLAB



measureLAB | PHYWE

Simple. Precise. Measurement.

The software measureLAB assists you and your students with analyzing your experiment data: No matter if it's a simple integral or a fully automatic equivalence point calculation, measureLAB is the measuring-software of your choice. And more than 150 preconfigured experiments reduce your preparation time to a minimum.



Cobra Xpert-Link:
The high-end system for demanding measurements at high speed.

Professional measurements – easy done.

Measurement speeds of up to 10 MHz, as well as extensive evaluation functions and data processing options.

Easy connections.

Wireless data transfer via Bluetooth, WLAN or USB.

Something for everyone.

Find and open more than 150 experiment descriptions directly in the software.



measureLAB multi user licence Item number: 14580-61

Cobra Xpert-Link Item number: 12625-99

macOS





Experiment sets for students (TESS)

Simple. Complete. Experiment.



Faculty/Subject	Topic	TESS Digitalset (Item number)	Number of experiments	
SCIENCE	Substances in everyday use	15234-88D	15	
	Mechanical devices in everyday use	15239-88D	12	
	Electrical and magnetic devices in everyday use	15238-88D	15	
	Water	15233-88D	14	
	Heat	15235-88D	13	
PHYSICS	Mechanics	Physical quantities, forces, simple machines, ...	25271-88D	32
		Thermodynamics	Temperature, thermal properties of liquids	25274-88D
	Electricity	Equipotential lines and electric field	15250-88D	5
		Simple circuits and electrical resistance, ...	25264-88D	28
		Electromagnetism	25269-88D	9
		Electric motor/Generator	15221-88D	10
		Renewable energies: basics and thermal energy	25287-88D	17
	Optics	Optical instruments	25277-88D	30
		Optics/Atom physics	15350-88D	16
	Radioactivity	Radioactivity	25261-88	11
CHEMISTRY	General chemistry	25300-88D	25	
	Inorganic chemistry	25301-88D	35	
	Acids, bases, salts	25302-88D	31	
	Analytical chemistry	25303-88D	14	
	Organic chemistry	25304-88D	36	
	Polymer chemistry	15305-88D	18	
	Food chemistry	25306-88D	39	
	Electrochemistry	30505-88D	23	
BIOLOGY	General biology	25296-88D	41	
	Biochemistry and plant physiology	15620-88D	11	
	Environment and outdoor	12626-88D	12	
	Human- and Electrophysiology	25674-88D	9	



Our experiment sets for students offer a simple, safe and time-saving solution for experimenting in digital science education.

There are 27 digital TESS sets available with 542 experiments. The sets contain everything your students need for a variety of experiments.







Experiment sets for teachers (DEMO)

Simple. Complete. Demonstrate.

Faculty/Subject	Topic	TESS Digitalset (Item number)	Number of experiments
SCIENCE	Water	13234-88	5
	Heat	13236-88	5
PHYSICS	Mechanics	Physical quantities, forces, simple machines, ...	15510-88
		Force effect, friction, liquids and gases	15511-88
		Linear motion	15514-88
	Thermodynamics	Temperature, thermal properties of liquids, ...	15530-88
	Electricity	Simple circuits and electrical resistance, ...	15569-88
		Induction and electric motor	15571-88
		Electromagnetism	25574-88
		Electric motor/Generator	25573-88
		Semiconductor components	15572-88
		Renewable energies: basics and thermal energy	15580-88
		Solar cells, wind energy and hydropower	15581-88
		Fuel cells	15582-88
		Optics	Geometrical optics
	Optical instruments		15560-88
	Wave Optics		15565-88
	Radioactivity	Radioactivity	15590-88
	BIOLOGY	Biochemistry and Plant physiology	15620-88



Our experiment sets for teachers are perfect for demonstration of experiments in digital science lessons.

There are 19 digital DEMO-Sets available with 322 Experiments. The sets contain everything you need to perform the experiments.





Our service

Simple. Reliable. Support.

Product support

- Online
- At site

Information center

- Demonstration in our showroom in Göttingen / Germany
- Webinars
- Online-Workshops

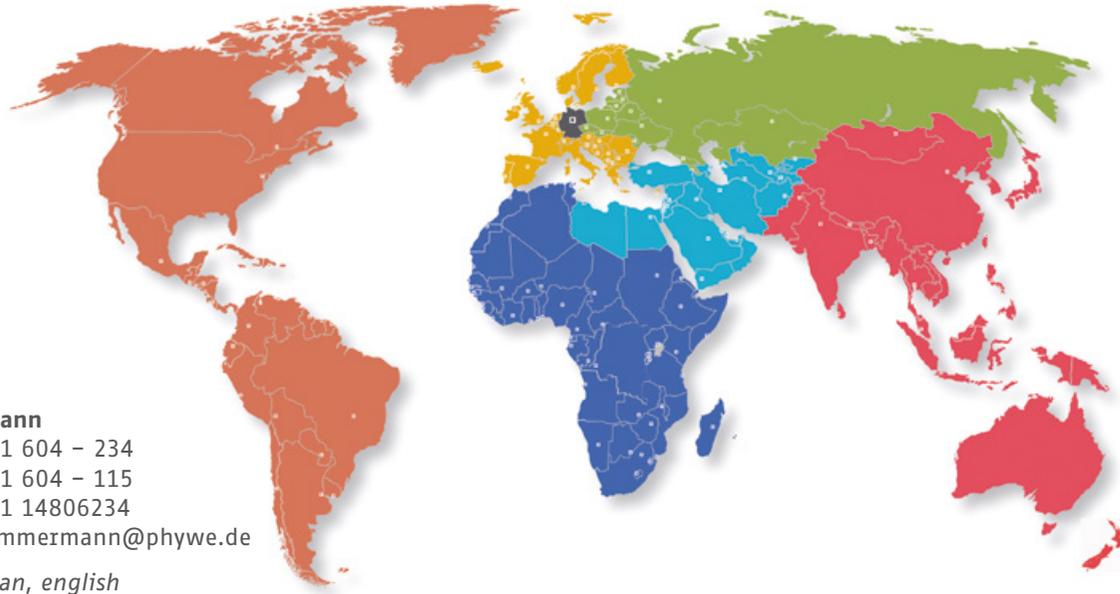
Customer support

- Repair
- Spare parts
- Product support

Services to book

- Inventory
- Placement service
- Trainings
 - Online
 - At site





Sandra Zimmermann

Tel.: +49 (0)551 604 - 234
Fax: +49 (0)551 604 - 115
Mobil: +49 (0)151 14806234
E-Mail: sandra.zimmermann@phywe.de

Languages: german, english



Adriana García-Rojas

Tel.: +49 (0)551 604 - 144
Fax: +49 (0)551 604 - 115
Mobil: +49 (0)151 14818005
E-Mail: adriana.garcia@phywe.de

Languages: german, spanish



Can Acar

Tel.: +49 (0)551 604 - 323
Fax: +49 (0)551 604 - 115
Mobil: +49 (0)151 14818008
E-Mail: can.acar@phywe.de

Languages: german, turkish, english, french



Mark Metzbour

Tel.: +49 (0)551 604 - 245
Fax: +49 (0)551 604 - 115
Mobil: +49 (0)151 14806233
E-Mail: mark.metzbaur@phywe.de

Languages: german, english



Vladimir Nabokoff

Tel.: +49 (0)551 604 - 231
Fax: +49 (0)551 604 - 115
Mobil: +49 (0)151 14818004
E-Mail: vladimir.nabokoff@phywe.de

Languages: german, russian, english



Jann Vallée

Tel.: +49 (0)551 604 - 137
Fax: +49 (0)551 604 - 115
Mobil: +49 (0)151 14806220
E-Mail: jann.vallee@phywe.de

Languages: german, french, english, arabic



Inge Berger

Tel.: +49 (0)551 604 - 233
Fax: +49 (0)551 604 - 115
Mobil: +49 (0)151 55009110
E-Mail: inge.berger@phywe.de

Languages: german, russian



Vanessa Kniza

Tel.: +49 (0)551 604 - 140
Fax: +49 (0)551 604 - 115
Mobil: +49 (0)151 14818016
E-Mail: vanessa.kniza@phywe.de

Languages: german, english

PHYWE Systeme GmbH & Co. KG

Robert-Bosch-Breite 10
37079 Göttingen / Germany

T. +49 (0) 551 604 - 0
F. +49 (0) 551 604 - 107

info@phywe.com
www.phywe.com

