

## Student set Radioactivity, digital, TESS advanced physics

Article no: 25261-88



### Function and Applications

Equipment set allowing the performance of 11 experiments about the following topics:

- Examination of naturally occurring radioactive substances (5 Experiments)
- Types of radiation and their characteristics (6 Experiments)

### Benefits

- Complete equipment set: simple execution of the experiments
- The equipment is stored in a rugged, stackable and compact box, allowing quick control of completeness (foam insert)
- Matched with international curriculum: all topics are covered
- Experiments on the fundamentals of radioactivity using only common available natural radioactive sources
- Special radioactive emitter only required for 4 advanced experiments
- Counter tube is an integral part of the set
- Measurements are made with the kit contained Cobra SMARTsense and directly transferred to smartphone, tablet computer or PC.

### Equipment and Technical Data

- The equipment set consists of all necessary components to perform the basic experiments using a Bluetooth capable device (not included) like smartphone, tablet computer or PC
- Cobra SMARTsense Radioactivity

## Scope of delivery

Base plate for radioactivity	09200-00	1
Holder for SMARTsense counter tube on holding magnet	09207-00	1
Plate holder on fixing magnet	09203-00	1
Defl.magnets f. plate holder,2pcs	09203-02	1
Absorption material f.student exp	09014-03	1
Wide-neck bottles, plastic, various sizes	33913-00	1
Spoon, special steel	33398-00	1
TESS box, plastics, high, 305 x 425 x 150 mm	15200-00	1
Lid for TESS box, plastic	15205-00	1
Apatite, natural mineral	08464-02	1
USB-C cable for Cobra SMARTsense	07935-00	1
USB charger for Cobra SMARTsense and Cobra4	07938-99	1
Cobra SMARTsense Radioactivity (only Sensor) - Capteur de mesure de la radioactivité O ... 40000 #/min (Bluetooth + USB)	12937-11	1
Cristallizing dish, boro, 11 ml	46241-01	1
Geiger-Müller Tube for SMARTsense Radioactivity	12937-20	1

## Necessary accessories

TESS advanced Radioactivity RE consumables for 10 groups	13469-88
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## Recommended accessories

TESS advanced physics Radioactivity, optional accessories for 1 group	13490-88
Columbite, natural mineral	08464-01
Carrying system for student experiment boxes	25200-00