

Student set Microscopy, TESS advanced Biology

Item No. 15290-88



Function and Applications

Equipment set allowing the performance of 50 experiments about the following topics:

- Basics of microscopy (3 experiments)
- Work techniques (6 experiments)
- Preparation of reagents (1 experiment)
- Cell components (8 experiments)
- Seed plants (9 experiments)
- Vertebrates (8 experiments)
- Invertebrates (7 experiments)
- Other plants (1 experiment)
- Fungi (1 experiment)
- Protists (5 experiments)
- Prokaryotes (1 experiment)

Benefits

- Set covers all microscopy topics of international curricula
- Complete equipment set, experiments easy to perform
- For a variety of topics in genetics, botany, zoology and anatomy
- Experiment guides for students and teachers optimized for minimal preparation time

Equipment and Technical Data

- The equipment set consists of all necessary components for the experiments
- Robust, stackable storage box with a foam insert fitting to the contained equipment

Necessary accessories

- A suitable microscope for student experiments
- A suitable balance, weighing capacity 120 g, readability 0.1 g
- A knife
- TESS advanced Biology Microscopy consumables for 10 groups

Scope of supply

Microscopic slides, 50 pcs	64691-00	1
Cover glasses 18x18 mm, 50 pcs	64685-00	2
Snap-cap vials, d=30mm, h=50mm, 10/pkg.	33624-03	1
Reagent bottle,scr.cap,cl.,30ml	46190-00	10
Dissecting needle, pointed	64620-00	1
Dissecting needle, lancet-shaped	64621-00	1
Scalpel holder	64615-00	1
Scalpel blades,rounded tip,10 off	64615-02	1
Tweezers,straight,pointed,120mm	64607-00	1
Blood lancets, sterile, 200/pkg	64217-00	1
Scissors,straight,pointed,l 110mm	64623-00	1
Spatula, powder, steel, l=150mm	47560-00	1
Dropping pipette with bulb, 10pcs	47131-01	1
Glass rod, boro 3.3, l=200mm, d=5mm	40485-03	2
Beaker, 100 ml, plastic (PP)	36081-00	3
Beaker, 250 ml, plastic (PP)	36082-00	3
Beaker, 1000 ml, plastic (PP)	46275-01	1
Graduated cylinders, plastic, various sizes	36629-01	1
Petri dishes, plast.,d= 94mm, 6 pieces	64709-04	1
Funnel, diameter = 50 mm, plastic (PP)	36890-00	1
Test tube holder, up to d 22mm	38823-00	1
Magnifier, plastic, 5x, d=35mm	88002-01	1
Graduated pipettes, various sizes	36600-00	1
Labels for microscopic slides, 120/pkg	64703-00	1
PHYWE Prepared microslides in storage box, 10 slides	13290-11	1
Lid for TESS box, plastic	15205-01	1
TESS box, plastics, high, 305 x 425 x 150 mm	15200-01	1

Necessary accessories

Student set Microscopy, necessary accessories for 1 group incl. microscope, TESS advanced Biology	13443-88
Student set Microscopy, consumables for 10 groups, TESS advanced Biology	13444-88

Recommended accessories

OPTIKA Monocular Microscope B-155R-PL, 1000x, mechanical stage	OPT-B-155R-PL
Carrying system for student experiment boxes	25200-00
Handbuch Schüler- und Demonstrationsversuche Mikroskopie, Sekundarstufe I und II, inkl. CD-ROM, TESS advanced Biologie, (in german)	13290-01
CD-ROM for TESS Microscopy	13290-12