



## Wacebo ScienceBus System

Mobile science laboratory system

*Improve your learning experience!*



## DESCRIPTION

Wacebo ScienceBus is the solution for the needs of mobility and modularity of modern schools. ScienceBus is the self-sufficient scientific laboratory for all schools. ScienceBus allows the observation of scientific phenomena performing experiments for primary and secondary school.

### *All you need is Science!*

ScienceBus is equipped with all needed equipment for Physics, Chemistry and Biology and Physiology experiments. ScienceBus permits to store safely the scientific equipment thanks to the lockable space. The ScienceBus is equipped with a central compartment with lockable-hinged door containing the trays-collections for the experiments and 2 lateral compartments with lockable hinged doors (one for electrical and hydraulic services). The ScienceBus is equipped with ergonomics handles (around 70cm) along the side to be easily moved. The structure frame is made in varnished aluminium and steel with rounded corners with waterproof panels. ScienceBus is equipped with 6 castor wheels, two wheels are provided with brakes. Overall dimensions are approximately 150x70x95h cm. The top panel surface is made in scratchproof acid-resistant, shock and heat resistant, ensuring chemical resistance to the reagents. The top is equipped with 3 telescopic height adjustable support rods for an easy mounting of the equipment and execution of experiences. ScienceBus has a sink with the hydraulic system fixed below the top and a water tanks. An electrical water pump can be activated through a button on the control panel. The tap is retractable with an easy in/out pull-out system. The system is equipped with first-aid kit and fire extinguisher for the execution of activities safely. The power management unit is protected from any overload or short-circuit. Adjustable power supply 0 to 15 V DC with adjustable current from 0 to 40 A (max 600W) digital display indicators: voltmeter and ammeter, 2 sockets 220V are on the front panel. The ScienceBus is equipped also with extensible power-cord of 6 meters with self-rewinding system. The ScienceBus Laboratory includes instruction manual and experiment detailed description.

### *Adaptability: Easy science for all!*

ScienceBus can be used in all learning environment especially where is not available a laboratory or directly into the classrooms optimising the lesson time and permitting the access to the science for all students!

### *Modularity*

The scientific kit-trays contain the components the execution of more than 100 scientific experience in different fields: Chemistry, Biology, Physiology, Physics (mechanics, electricity, magnetism, optics, acoustics, thermodynamics, and electrostatics). The items are stored in the trays with anti-shock shaped foam.

### *Flexibility*

Thanks to the flexibility and modular approach, ScienceBus can be customised on the school needs and upgraded with modular add-on kit-trays in several field like robotics and or datalogging and sensors enlarging the learning opportunities for your students.

### *...and Think Digital!*

ScienceBus is equipped with support system for monitor and displays. ScienceBus can be easily connected to all the interactive and multimedia Wacebo devices creating a surrounding hi-tech environment improving the learning experience.

