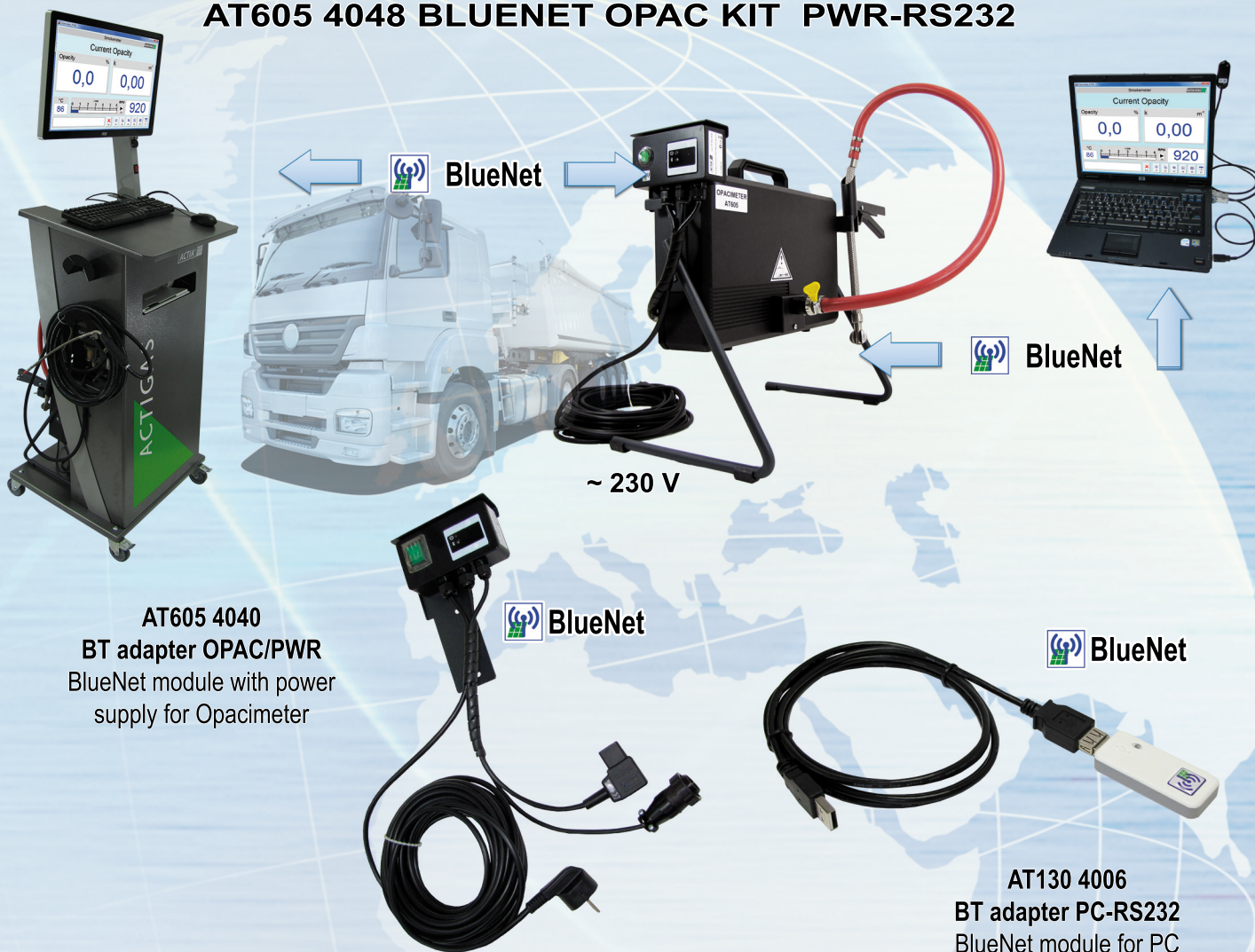


# AT605 4048 BLUENET OPACIMETER KIT / PWR - RS232

## 1. Set

### AT605 4048 BLUENET OPAC KIT PWR-RS232



**AT605 4040**  
BT adapter OPAC/PWR  
BlueNet module with power  
supply for Opacimeter

**AT130 4006**  
BT adapter PC-RS232  
BlueNet module for PC

## 2. Functions

- This setup is used for replacement of cable interconnection between an opacimeter and a PC. This replacement does not need any other steps but setting "Wireless version" in the AT605 "Configuration".
- The modules are equipped with two indication LEDs:
  - o Red for on/off indicati
  - o Blue for indication that the interconnection between modules is active

## 3. Technical parameters

- Modules of Power Class 1 are used
- If there is direct visibility between the modules, the maximum range of the interconnection is 100 m
- The PC module is supplied with power form the USB connector with the maximum current consumption of 250 mA
- The Opacimeter module is supplied with power form the Opacimeter connector with a D.C. voltage of 12 V and the maximum current consumption of 250 mA



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## 4. Connection

### AT130 4006 - BlueNet adapter PC-RS232

The PC module (1) is connected to a PC via two connectors. USB (1a) only supplies the module with power. RS232 (1b) communicates with the PC via an RS232 interface



### AT605 4040 - BlueNet adapter OPAC/PWR

The Opacimeter modules (2) is connected to the AT605 opacimeter (smoke-opacity meter) with two bolts (commonly used for the stand fixation).

Both the communication (2b) and power-supply (2a) connectors are set up following the Figure shown below. The module further contains the wall-socket power-supply cable (2c) and power switch (2d).



**Opacimeter**



**~230 V  
Opacimeter  
RS232**