

# SA 104 Single and Five-way Charging and Download Docking Stations

The SA 104 series of docking stations are suitable for use on a number of Svantek health and safety instruments including the SV 104, SV 104IS and SV 103. Only the SV 104IS noise dosimeter actually requires the use of these docking stations but it is a fast and convenient option for other instruments. The docking station is used for both battery charging and measurement data download and is offered in two versions; the SA 104-1 for a single instrument and the SA 104-5 for five instruments. Each instrument is inserted into the docking station by means of a positive action holster system that ensures the instrument is always held in the correct position for both battery charging and data download.

Data is downloaded by means of an fast infra-red interface which is built into the docking station and the underside of the instrument. Instruments can be charged while their data is extracted and on the 5-way station the data on all five instruments can be downloaded simultaneously. The five-unit docking station uses an external mains power supply whereas the single unit can get its power from its USB connection or from an external supply if preferred. The battery status of each of the instruments can be easily monitored using the LED lights on the docking station.

## Technical Specifications

### SA 104-1

### SA 104-5

Number of docks	1	5
Communication with PC	micro USB 2.0, 5VDC SC 156 cable	mini USB 2.0, 5VDC SC 56 cable
Communication with instrument	infrared	infrared
Power supply	SA 54, 5VDC, min. 1 A	SA 33, 12VDC, min. 1.2 A
Charging contacts voltage	5.6 VDC $U_{max} = 6.6V$	5.6 VDC $U_{max} = 6.6V$

