

# Airtraq

## DOCKING STATION INSTRUCTIONS FOR USE

### ENGLISH

Visit

[www.airtraq.com/downloads](http://www.airtraq.com/downloads)  
to verify you have the most up  
to date instructions

### 1. PRODUCT CODE:

A-590 Airtraq Docking  
Station.

### 2. BASIC INFORMATION

The Airtraq Docking Station  
recharges the battery and  
displays the remaining  
service life of the Airtraq  
Avant Optics. It includes a  
socket where Airtraq Wi-Fi  
Camera A-390 can be  
recharged.

The Docking Station is  
supplied ready to use. Its  
package includes a  
Battery Charger needed  
to connect it to mains  
supply. USE DOCKING  
STATION ONLY WITH  
BATTERY CHARGER  
PROVIDED.

In order to keep the  
Airtraq Avant Optics  
clean it shall be inserted  
into the Docking Station  
covered by the Optics  
Storage Case.

A full battery recharge  
cycle of the Airtraq Avant  
Optics takes around 120  
minutes. When the  
battery is fully charged it  
can be used for around  
120 minutes.

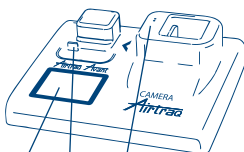
Charging and operating  
cycles of the Airtraq

Wi-Fi Camera A-390 is  
detailed in their  
corresponding IFU.

The manufacturer reco-  
mmends placing the  
Optics and/or Camera  
into the Docking Station  
after each intubation.

No maintenance of the  
Docking Station is  
required.

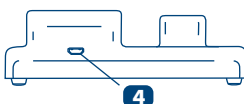
### 3. DOCKING STATION INDICATORS AND CONNECTORS



1. Display: LCD that shows  
the remaining service life  
of the Optics as well as its  
battery charge level.

2. Airtraq Avant Optics  
connector: Micro-USB  
male connector.

3. Airtraq Camera A-390  
connector: Brass pin  
connector for the A-390  
Camera.



4. Mains Supply  
Connector: Micro-USB  
Female connector to  
connect to battery  
charger.

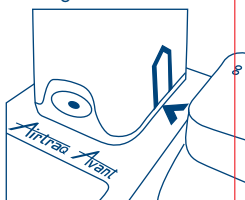
### 4. AIRTRAQ AVANT OPTICS BATTERY CHARGE AND SERVICE LIFE CHECK

The OPTICS DOES NOT  
WORK WHEN IT IS  
BEING CHARGED. IT  
SHOULD BE CHARGED  
AT LEAST 1.8  
M AWAY FROM THE  
PATIENT.

1. Connect the Docking  
Station to the electrical  
mains supply. It will  
automatically turn on and  
show the following image in  
the LCD display.



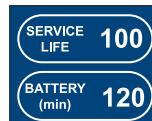
2. Insert the Optics by its  
proximal end.  
There is only one position  
in which the Optics fits  
into the docking Station.  
Align the orange arrow  
on the docking station  
with the orange arrows  
on the Optics and Optics  
Storage Case.



Do not force the Optics in  
the receiving socket, but  
make sure to push it  
down, so that the battery  
charge jack is well  
connected.

3. Upon inserting the  
Optics, it displays the

battery charge status and  
the number of uses  
remaining.



In case the Optics  
become damaged, the  
LCD will show an error  
code.



A full recharge cycle of  
the battery takes approxi-  
mately 120 minutes.

After a full charge the  
Airtraq Avant can  
operate, under standard  
conditions, for around  
120 minutes.

### 5. AIRTRAQ CAMERAS BATTERY CHARGE

The Airtraq Cameras DO  
NOT WORK WHEN  
THEY ARE BEING  
CHARGED. THEY  
SHOULD BE CHARGED  
AT LEAST 1.8 M AWAY  
FROM THE PATIENT.

1. Connect the Docking  
Station to the electrical  
supply. It will automati-  
cally turn on and show  
an image in the display.  
2. Insert the Airtraq  
Camera into the Docking  
Station.

3. Upon starting to charge  
its battery the Airtraq  
Cameras will  
automatically turn Off  
and will show in their  
screen a battery icon  
and the battery level  
expressed in minutes.  
For more details about  
battery charge process of  
Airtraq Cameras, please  
consult their  
corresponding IFU.

### 6. CLEANING INSTRUCTIONS

The Docking Station is a  
non-critical device.  
Recommended cleaning is  
low-level disinfection. Be  
sure to follow your  
institution's specific  
cleaning procedures in  
consultation with this  
manual.

1. Remove Optics and/or  
Camera from Docking  
Station.  
2. Disconnect the Docking  
Station from the electrical  
supply.  
3. Cleaning: Use clean  
cotton gauze pads that  
are saturated with the  
cleaning solution to wipe  
down the exterior  
surfaces of the Docking  
Station. Use soft brushes  
with the cleaning solution  
to remove any residues  
from areas that cannot  
be reached with the  
gauze pads. Be sure to  
remove all visible  
contaminant or foreign  
matter. Be careful to  
keep running liquid off  
the surfaces. The  
following cleaning  
solutions may be used:

- a. Enzymatic Cleaning  
Solutions (e.g.: ENZOL  
™ Enzymatic  
Detergent).
- b. Neutral pH soap and

water.  
c. Sodium bicarbonate  
solution (8- 10 %).

4. The following  
Disinfection Agents may  
be used:

- a. Peracetic Acid  
Solution (0.08%).
- b. Isopropyl Alcohol  
(70%).
- c. Solution containing  
70% isopropyl alcohol  
and 2% chlorhexidine  
(e.g. Clinnel Wipe).
- d. Solution containing  
chlorine dioxide (e.g.  
Tristel Wipe).
- e. PDI Sani-Cloth®  
Germicidal Wipes  
(AF3, Bleach, Plus or  
Super Sani-Cloth®).

5. Blot dry the Docking  
Station using an indi-  
vidual sterile surgical  
towel.

6. Cleaning the LCD: Use  
water only to dampen a  
lint-free cloth. Do not  
spray liquid directly on  
the screen. Wipe the  
screen.

Caution:

- Do not autoclave.
- Do not rinse under  
running water.
- Do not soak in liquids.
- Avoid liquid or moisture  
from going into the  
Docking Station.

### 7. OPERATING, STORAGE AND TRANSPORT

The Docking Station  
should not be stored or  
transported at  
temperatures below  
-5°C/23°F or over  
55°C/131°F. The relative  
humidity must not exceed  
95%. The air pressure  
must not exceed 500 to  
1060 hPa.

Please handle with care

as with any other electronic device.

## 8. TECHNICAL DATA

### 8.1. Docking Station

- Electrical supply input ratings: 5VDC 2A 10W
- Electrical output ratings: 5 VDC, 0.8 A, 4 W
- Display Technical Specifications: 1,77" display LCD (128x160 px)
- Dimensions: 130 X 110 x 40 mm
- Weight: 135 grams.

### 8.2. Battery Charger

- Electrical supply input ratings: 100-240 V ~, 50-60 Hz, 0.1-0.2 A
- Electrical Output Ratings: 5VDC 2A
- EMC: EN55024, EN55022/B, EN 60601-1-2.
- UL recognized component. Valid for the USA and Canada.
- Micro USB type B male connector.
- Cable length: 1.8 m.

## 9. REGULATORY



- The A-590 Docking Station is a Non-Medical Electrical Equipment that together with Airtraq Avant Laryngoscope and or Airtraq Camera comprises a Medical Electrical System. It complies with IEC 60601-1 and IEC 60601-1-2 requirements.

- This device shall not be used within the patient's environment. It shall be used at least 1.8 meters away from the patient.
- This device is intended for use by healthcare professionals only.

- This device shall only be used with cables and accessories provided by the manufacturer.

- This device is classified as Class II for protection against electric shock.
- This device has no applied parts.
- This device is classified as IP21, ordinary equipment, for degree of protection against ingress of water, as per IEC 60529 International Standard (Degrees of Protection provided by enclosures).
- No sterile parts.
- Mode of operation continuous.
- Not intended for use with flammable agents
- This equipment may cause radio interference or may disrupt the operation of nearby equipment. It may be necessary to take mitigation measures, such as reorienting or relocating the medical product or shielding the location.

## 10. DISPOSAL INSTRUCTIONS

Follow local governing ordinances and recycling plans regarding disposal or recycling of device components.

## 11. MANUFACTURER'S WARRANTY

### Warranty & Service

The manufacturer warrants this device against faulty materials or manufacturing defects for a period of two (2) years from the date of purchase, provided that it is used in accordance

with the procedures set up in the instructions for use. This warranty is only applicable if the device has been bought from an authorized distributor.

The manufacturer disclaims all other warranties, whether expressed or implied, including, without limitation the warranties of merchantability or fitness for a particular purpose.

The warranty covers free repair or swap for an equivalent device of a defective device which fault is proven to be consequence of the manufacturing process.

If you have any technical problems with the device, please call the Airtraq Distributor in your country or send a message through our web site ([www.airtraq.com](http://www.airtraq.com)). Before making your call please have the lot number ready. The lot number of the Docking Station is located on a sticker on the back side of the device and also on the original package.

In case of a hardware defect confirming the warranty conditions, your device will be collected and you will receive another one within 10 working days after we receive your defective one.

### Handling Instructions for Defective Devices

1. Return units must be packed in original and secured packaging materials. All accessories of the device (cables,

etc.) have to be sent back. Damaged incurred during transportation from the customer site is solely the responsibility of the sender.

2. Customer must provide a contact name, phone number, shipping address, the lot number of the Docking Station, description of the problem and proof of purchase.
3. In all cases when the device shows defects which are not covered by the warranty, the customer will remain responsible for all handling costs and transportation fees.

### Exclusions from Warranty

1. Product, where the lot number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
  - A. Accident.
  - B. Misuse, neglect, fire, water, lightning or other acts of nature.
  - C. Repair or attempted repair by anyone not authorized by Supplier.
  - D. Modification by anyone not authorized by Supplier.
  - E. Any damage of the product due to shipment.
  - F. Causes external to the product, such as: over powering the unit, electric power fluctuations or failure, pouring liquids over the device, etc.
3. Normal wear and tear.
4. Any other causes which does not relate to a product defect.

## 12. IMPORTANT SAFETY INSTRUCTIONS

1. Keep, read and follow all of these instructions.
2. Heed all warnings in these instructions.
3. To reduce the risk of fire or shock hazard, do not expose this equipment to rain or moisture.
4. Do not install near any heat source such as radiators, heat registers, stoves or other apparatus that produces heat.
5. Protect the cords from being damaged.
6. Do not use this equipment in presence of flammable anaesthetics, nor in oxygen rich environments.
7. ESD (Electrostatic discharge) may cause malfunction of these devices.
8. Unplug this apparatus during lightning storms or when unused for long periods of time.
9. Do not place vessels containing liquids on top of the apparatus. Do not splash liquids on top of the device.
10. Do not attempt to service this device yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel from your Airtraq distributor.

Manufactured by:  
**PRODOL MEDITEC LIMITED**  
1/F, 4/F, Block C  
No. 18, 7th Science Ave.,  
Zhuhai, Guangdong.  
519085 China

USA Representative:  
**AIRTRAQ LLC**  
2414 Lawton Ln  
Rowlett, TX 75089, USA

EU Representative:  
**PRODOL MEDITEC, S.A.**  
Muelle Tomás Olavarri 5,  
3º. 48930 Las Arenas  
SPAIN

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician.

For further advice on using the Docking Station please visit:  
[www.airtraq.com](http://www.airtraq.com) or contact:

America:  
+877-624-7929  
[info.usa@airtraq.com](mailto:info.usa@airtraq.com)

EU & Other:  
+34944804690  
[info@airtraq.com](mailto:info@airtraq.com)

Airtraq is a registered trademark.



Rx Only