

Panomera® Air Blast Charger 4

Compressed air system for wiperless and remote controlled cleaning of the front glass of up to four Panomera® S 4/8 with Mountera® Quick-Lock System



The innovative **Panomera® Air Blast System** is designed for easy, reliable and cost-effective maintenance of the latest **Panomera® S 4 and 8 models**. The compressed air nozzles in the front frames are optimally matched to the front glass and allow gentle cleaning with a concentrated blast of compressed air.

Connection

The **Panomera® Air Blast Charger 4** allows the connection of up to four Panomera® S 4/8 over one compressed air line each of up to 10 m length. The compressed air line is offered with a length of 25 m or 50 m and can be quickly and easily shortened to the required length.

Configuration

The video streams of the connected Panomera® S 4/8 systems are stored together on a Dallmeier recording system that allows to configure the Ethernet I/O interface of the **Panomera® Air Blast Charger 4** in order to control the relevant compressed air lines. Note that the recording system must be equipped with the license **DLC - Ethernet I/O Interface**.

Control

The **Panomera® Air Blast Charger 4** is remotely controlled with **Dallmeier client software** via the network and the corresponding Dallmeier recording system with minimal effort. The compressed air blast is triggered with a few clicks, while the status of the cleaning (triggered, running, finished) can be displayed in an info window.

Compressed air

The **Panomera® Air Blast Charger 4** is equipped with a pressure tank which can be filled with approximately 8 bar compressed air in about one minute. After cleaning a Panomera® with a blast of compressed air, the system is ready for use again in the shortest time, allowing all connected Panomera® systems to be cleaned in just a few minutes.

Cleaning

The innovative **Panomera® Air Blast System** generates a targeted compressed air blast which reliably removes water droplets, dust, flying sand or spider webs from the front glass. Unlike conventional systems with wipers, no mechanical wear has to be considered. In addition, the risk of mechanical damage to the glass surface is basically eliminated. Apart from the cyclical safety inspection, no further measures are thus required at the installation site of the Panomera® systems.

Requirements

- Dallmeier recording system with Ethernet I/O license
- Dallmeier client software

Scope of delivery

- Panomera® Air Blast Charger 4
- Bracket for mounting on walls

Options

- Bracket for mounting on poles
- Compressed air line 25 m or 50 m
- Panomera® Air Blast Kit

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System



007896

Panomera® Air Blast Charger 4

Supply system for compressed air for cleaning of the front glass of up to four Panomera® S 4/8 with Mountera® Quick-Lock System, compressed air line optional, compressed air approx. 8 bar, vandal-resistant, powder-coated, grey

Pole Mount Bracket



008239

Panomera® ABC Pole Adapter

Adapter for mounting the Panomera® Air Blast Charger 4 on round (Ø 40 - 170 mm) or rectangular (□ 50 - 150 mm) poles, 2x profile rails (sheet steel), 2x tensioning straps (stainless steel), galvanized

Compressed Air Line



008237

Panomera® ABC Compressed Air Line 25 m

Compressed air line for connecting a Panomera® S 4/8 with Air Blast Kit to a Panomera® Air Blast Charger 4, polyethylene, UV-resistant and flexible, black, length 25 m



008238

Panomera® ABC Compressed Air Line 50 m

Compressed air line for connecting a Panomera® S 4/8 with Air Blast Kit to a Panomera® Air Blast Charger 4, polyethylene, UV-resistant and flexible, black, length 50 m

Upgrade Kit



007899

Panomera® Air Blast Kit

Upgrade kit for a Panomera® S 4/8 with Mountera® Quick-Lock System for cleaning the front glass with compressed air, compressed air line with length 3 m for connection to a Panomera® Air Blast Charger 4 included

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General Data	
Supported systems	Up to four Panomera® S 4/8 with Mountera® Quick-Lock System
Length pressure lines	Up to 10 m
Compressed air pressure	Approx. 8 bar (116 PSI)
Connections	
Ethernet	1× RJ45, 10BASE-T/100BASE-TX PoE
Electrical Data	
Voltage supply	115-230 V AC ±5%, 50/60 Hz
Power consumption	Max. 200 W
Thermal output	Max. 682 BTU/h
Mechanical Data	
Dimensions (W × H × D)	Approx. 400 × 500 × 210 mm (15.7" × 19.7" × 8.3")
Weight	Approx. 21.0 kg (46 lb)
Material	Steel
IK protection	IK10
IP rating	IP66
Finish	Epoxy polyester powder
Color	Light grey (RAL 7035 ¹⁾)
Environmental Conditions	
Installation sites	Indoor and outdoor
Temperature	-30°C up to +60°C (-22°F – 140°F)
Humidity	0 – 90% RH, non-condensing
Approvals and Certifications	
Type	CE

1) The color of the powder coating may differ slightly from the RAL color indicated. This is due to production and does not constitute a defect.

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