

# Altimeter Spectacle

Technical Datasheet



## Features

- Hybrid spectacle designed to offer flexible use with headband or temples
  - 18 huge ventilation orifices ensure a good wearing climate
  - Soft frame for complete eye enclosure and superior shock absorption
  - Lens/temple inclination (angle adjustable ratchet)
  - Flexible length adjustable headband with central opening
  - Soft temples are also length adjustable
  - Sightgard anti-fog coating with good anti-scratch properties
  - Lens colours for indoor & outdoor applications: smoke, clear
  - **Real UV400** protection for smoke and clear lenses!
- !!! Important for all Outdoor workers who receive five to 10 time more ultraviolet radiation exposure yearly than indoor workers!
- Headband option is the ideal solution to combine Altimeter with ear muffs, masks and helmets, see next page

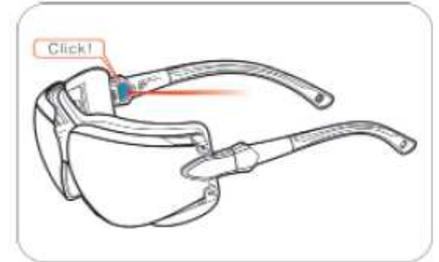
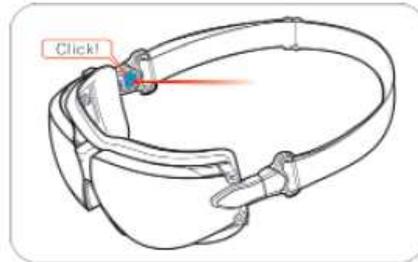


## Technical Specifications

Material & Colours	
<b>Lens</b>	Polycarbonate Colours: clear, smoke Coating: Sightgard anti-fog and anti-scratch
<b>Temple</b>	Polycarbonate & TPE
<b>Frame</b>	Hard piece – P.P. Soft piece – TPE
<b>Nose piece</b>	Bridge – P.P. Nose Pad – TPE
<b>Ratchet</b>	Nylon
<b>Sleeve</b>	Polycarbonate
<b>Headband holder</b>	Polycarbonate
<b>Headband</b>	Textile Elastic, black, Attached to ratchet. Adjustable length at max 385 mm (long enough to fit together with helmets) Big push button in middle of the headband to open the Altimeter.
Markings / Approvals	
<b>Standard number</b>	EN 166
<b>Frame marking</b>	MSA EN 166-FT CE
<b>Lens marking</b>	Clear: 2C-1.2 MSA 1 FT CE Smoke: 5-2.5 MSA 1 FT CE
<b>Filter class</b>	2C (Ultra violet radiation with enhanced colour recognition) 5 (Adequate protection against sun glare)
<b>Scale number</b>	1.2; Luminous transmittance ~89% clear 2.5; Luminous transmittance ~21% smoke
<b>Optical class</b>	1 (best class, for permanent wear)
<b>Mechanical resistance</b>	F (low energy impact 45 m/s) T (at extreme temperatures -5...+55°C)
<b>UV filter</b>	UV400 100% filter until 400 nm (99.9% for old version 10104674)

General	
<b>Weight</b>	38-42 g
<b>Temple length</b>	156 mm
<b>Overall width</b>	142 mm
<b>Lens thickness</b>	2.3 mm
<b>Lens base</b>	9.5 curve
<b>Lens size</b>	51 mm vertical, 78 mm diagonal
Ordering Information	
<b>NEW</b> 10153915	Altimeter, Clear, <b>UV400</b> , Sightgard, with headband and temples, 12 x
10145583	Altimeter, Smoke, UV400, Sightgard, with headband and temples, 12 x
<b>Sale</b> 10104674	Altimeter, Clear, Sightgard, with headband and temples, 12 x
GA90006	Brackets to fix MSA goggles or Altimeter to V-Gard 500/520 helmets (2 pieces; ideal with Fas-Trac suspension)
Packaging	
<b>Individual</b>	1 pc with headband and temples in polybag with manual and EAN code as barcode
<b>Box</b> <i>MSA selling unit</i>	12 pcs with EAN code as barcode
<b>Shipping carton</b>	contains 12 boxes, with EAN code as barcode

**Altimeter will be delivered with headband and temples,**  
 you can change them with just 2 clicks (please see markings  
 „L“= left , „R“=right for correct mounting)



**Altimeter headband in combination with helmets:**

- Altimeter can be opened with one click without taking off the helmet



- Using the brackets GA90006 you can easily mount Altimeter on the raingutter of a V-Gard 500/520 helmet (ideal with Fas-Trac-suspension)



**Altimeter headband in combination with ear muffs:**

The attenuation rate may not be reduced as the headband is very close to the head and reduces leakage.

Ideal are left/RIGHT individual ear muffs for left and right ear with flexible cushions providing excellent tightening.



**Altimeter headband in combination with masks:**

With the specific shape Altimeter is designed to ensure perfect fit with MSA half face masks, e.g. Advantage 400.



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