

## Les Atouts

**Clear grinding visor**  
**Colors and Contrasts Restitution**  
**XXL Viewing Area**  
**DIN 5 to DIN 13 variable shade**  
**4 arc sensors**  
**Large viewing area**  
**Digital display**  
**Side vision**

## Navitek S13



## La technique

Material	Polyamide
Side vision	MultiView teinte DIN 5
LC technology	Twisted Nematic
Optical Classes	1/1/1/2
Sensitivity setting	Stepless
Standards	EN175B, EN166B, EN379
Outside protection	Clear polycarbonate
Vision relevable	Renforcée 2 points
Grinding	Yes - Clear grinding visor
Headgear	Confort - 4 settings

Arc sensors	4 - Independent
Switching speed	0,1ms
Power	Solar + replaceable batteries
Applications	Electrodes, MIG/MAG, TIG, Micro-TIG, Cutting
Delay setting	From 0,1s to 1,9s
Welding shade	Variable DIN 5-8 and DIN 9-13
Vision TrueColors*	Colors/Contrats restitution
Warranty	3 years
Viewing area	100 x 67mm





Longitudinal headgear (x1)	AX 1097
Sweatband (x2)	AX 1140
Outside protection plate (x10)	AX 4000
Inside protection plate (x10)	AX 2260
Lithium battery (x2)	AX 2710
Visor polycarbonate (x5)	AX 3415

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Navitek S13	GT38S13
Navitek S13 Side Vision	GT58S13

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The Navitek® S13 combines the best of autodarkening protection for welding, with one of the largest clear grinding visors available on the market.

The Navitek® shell and all its polycarbonates are certified for grinding with the specific standards EN 166B and EN 175B. The visor is made in perfectly clear 1,0mm thick polycarbonate.

The excellent ergonomics provides perfect protection of the forehead, the ears and the neck.

This high comfort level can be advanced once equipped with side vision in shade DIN 5: the Navitek® S13 then provides a 160° vision to the welder, for improved safety and advanced comfort. These side vision are made out of transparent shade DIN 5 polycarbonate.

The Navitek® S13 is equipped with the longitudinal headgear with 4 settings: height, width, angle, and longitudinal adjustment for welders operating with corrective glasses.

Positioned into the liftable front frame, The new autodarkening S13 presents 2 major advantages:

1 - A revolutionary autodarkening filter restituting colors and enhancing contrasts.

2 - An extra-large viewing area in a light and ergonomic helmet.

The S13 is indeed equipped with a specific glass-pack: the vision of colors and contrasts, in both grinding and welding phases, is outstanding and incomparable.



This true vision greatly improves the general quality of the welding cords, relieves the operator from stress and over-concentration, and make possible digital display reading.

In addition, the viewing area of the S13 has been extended to 100x67mm, with a perfect positioning and centering. This extra-large viewing area offers excellent optical classes 1/1/1/2.

The 4 arc sensors are associated to a very fast switching speed of 0,1ms for a flawless detection of the welding arc, with all welding processes: electrodes, MIG/MAG, TIG and micro-TIG.

2 ranges of welding shades are available to the welder: from DIN 5 to DIN 8, and from DIN 9 to DIN 13, in addition to the sensitivity level of the 4 arc sensors, and the delay which can be adjusted from 0,1s to 1,9s.

All the settings and parameters on the S13 are visible in a large and internal digital display, directly in front of the welder.

All control knobs on the S13 are soft-touch, making it easy to adjust even with gloves on.

The S13 is covered by a full 3-year warranty.