

## Technical data

<b>Part N°</b>	1007.000, 1007.010, 1007.020, 1007.030		
<b>Type description</b>	Personalizable welding helmet thanks to exchangeable side covers; automatic shade cartridge with shade selection from 9 – 13 infinitely adjustable by an adjustment knob; infinitely adjustable sensitivity & delay		
<b>Cartridge dimensions</b>	90 x 110 x 9.5 mm / 3,54 x 4,33 x 0,37" 50 x 100 mm / 1,96 x 3,94" (viewing area)		
<b>Power supply</b>	Solar cell, 2 lithium cell-batteries (CR2032)		
<b>Sensors</b>	Two above the eyes		
<b>Light transmittance</b>	Ultraviolet/infrared protection	maximum at any shade setting	
	Visible range activated	shade level DIN 9 - 13	
	Visible range not activated	shade level DIN 4	
<b>Switching time</b>	Light to dark	220 µs (0,220 ms)	at room temperature
		165 µs (0,165 ms)	at 55°C / 131°F
	Dark to light	0,25 - 0,7 s, infinitely adjustable	
<b>Classification</b>	Optical class	= 1	
	Scattered light	= 2	
	Homogeneity	= 1	
	Angular dependence	= 2	
<b>Shape stability</b>	Welding mask up to 220°C / 428°F Front cover lens up to 130°C / 266°F		
<b>Protection for ADF</b>	Reflection free front cover lens and inside cover lens		
<b>Mask material</b>	PA6.6		
<b>Mask colour / Design</b>	Part. No.: 1007.000	black untreated helmet – without side covers	
	Part. No.: 1007.010	black-green helmet – with «Reptile» side covers	
	Part. No.: 1007.020	black-white helmet – with «Tribal» side covers	
	Part. No.: 1007.030	white-black helmet – with «Tiger» side covers	
<b>Operating temperature</b>	-10°C to +70°C / +14°F to +158°F		
<b>Storage temperature</b>	-20°C to +70°C / -4°F to +158°F		
<b>Weight</b>	Version with side covers:	520 g / 18.342 oz	
	Version without side covers:	495 g / 17.461 oz	
<b>Application ranges</b>	All electric arc welding processes Electrode Welding (Stick Welding, SMAW) / MIG / MAG (GMAW) / GMAW High melting rate process / Flux Cored Wire Welding / TIG welding (GTAW) / Plasma Arc Welding / Micro Plasma Arc Welding / Plasmacutting <b>Prohibited for laser welding! Not suitable for over-head welding!</b>		
<b>Scope of delivery</b>	Welding helmet and instruction manual		
<b>Standards</b>	CE, ECS, ANSI, CSA, GOST-R, AS/NZS		
<b>Warranty</b>	2 years from date of sales for manufacturing and material defects (except batteries)		

