



## Technical data

Part N°	1007.000, 1007.010, 1007.020, 1007.030		
Type description	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		
Cartridge dimensions	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)		
Power supply	Solar cell, 2 lithium cell-batteries (CR2032)		
Sensors	Two above the eyes		
Light transmittance	Ultraviolet/infrared protection	maximum at any shade setting	
	Visible range activated	shade level DIN 9 - 13	
	Visible range not activated	shade level DIN 4	
Switching time	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	
Classification	Optical class	= 1	
	Scattered light	= 2	
	Homogeneity	= 1	
	Angular dependence	= 2	
Shape stability	Welding mask up to 220°C / 428°F Front cover lens up to 130°C / 266°F		
Protection for ADF	Reflection free front cover lens and inside cover lens		
Mask material	PA6.6		
Mask colour / Design	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 «Bulldog» side covers	
	Part. No.: 1007.030	white-black helmet – with «Tiger» side covers	
Operating temperature	-10°C to +70°C / +14°F to +158°F		
Storage temperature	-20°C to +70°C / -4°F to +158°F		
Weight	Version with side covers:	520 g / 18.342 oz	
	Version without side covers:	495 g / 17.461 oz	
Application ranges	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>		
Scope of delivery	Welding helmet and instruction manual		
Standards	CE, ECS, ANSI, GOST-R, AS/NZS, complies with CSA Z94.3		
Warranty	2 years from date of sales for manufacturing and material defects (except batteries)		



