



Aristo® Tech

Technical Data



Type Description	External Digital shade selection from 5 – 13. External Digital Sensitivity adjustment to 8 different levels including Grind. Internal delay adjustment from 0.1sec to 3.5 sec. Internal delay adjustment from 0.1 to 1.0s
Cartridge dimensions	90 x 110 x 7 mm / 3,54 x 4,33 x 0,28" 97 x 47
Viewing Area	96 x 48 mm (Viewing area)
Power supply	solar cells Only LCD Display model with no battery changes
Sensors	2 above the eyes
Light transmittance	ultraviolet/infrared protection (maximum at any shade setting) visible range activated shade level DIN5 - 13 visible range not activated shade level 4
Switching time	light to dark 0,00001 s (0,01 ms) at room temperature 0,000085 s (0,01 ms) at 55°C / 131°F
Classification	Optical class = 1 Scattered light(Light diffusion) =1 Homogeneity = 1 Angle = 2
Protection for ADF	reflection free front cover lens; inside cover lens
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 > 5 amps welding (GTAW) / Plasma Arc Welding
Standards	CE, DIN, ANSI, CSA, AS/NZS