

WL + AST

WORKING LIGHT + AUTOMATIC START/STOP

The WL+AST kit consists of a working light with automatic start/stop device to be mounted in the hood of an extraction arm.

The WL is a clear halogen lamp that can be switched on/off by a tumbler switch on the hood of the extraction arm.

The AST is an optical sensor that reacts to the infrared light of the welding arc. Consequently, the connected extraction system is switched on automatically when the welding starts and stops when the welding has finished.



APPLICATIONS

The WL+AST is intended to be used for the following applications:

- MIG-MAG/GMAW welding
- FCAW welding
- stick/MMAW welding



Do **not** use the WL+AST for the following applications or in the following circumstances:

- TIG welding
- arc-air gouging
- aluminium laser cutting
- oil mist
- paint mist
- heavy oil mist in welding fume
- hot gases (more than 40°C/100°F continuously)
- aggressive gases (e.g. from acids)
- plasma cutting
- grinding aluminum and magnesium
- flame spraying
- extraction of cement, saw dust, wood dust etc.
- sucking cigarettes, cigars, oiled tissues and other burning particles, objects and acids
- fumes containing alkaline or acid
- explosive environments or explosive substances/gases



SPECIFICATIONS

Physical dimensions and properties

Dimensions	
Weight (net)	0,41 kg (0.90 lbs)

Electrical data

Power consumption	40 W
Connection voltage	24 V
Protection class	IP 40
Stop delay	20 seconds (adjustable)

Ambient conditions

Operating temperature:	
• Min.	5°C (41°F)
• Nom.	20°C (68°F)
• Max.	45°C (113°F)
Max. relative humidity	75 %
Outdoor use allowed	yes
Storage conditions	<ul style="list-style-type: none"> • 5-45°C (41-113°F) • relative humidity max. 75%

Product combinations

Extraction arm	T-Flex, Flex-2/3/4, UltraFlex-3/4, UltraFlex-4/ LowCeiling
Cable kit	NCW-4/11
Control box	<ul style="list-style-type: none"> • CB • CB-WCS

Scope of supply

Lampholder with built-in AST sensor and halogen lamp - PC board + on/off switches

Order information

Article number	7900010190
Number/package	1

Shipping data

Gross weight	0,56 kg (1.23 lbs)
Packing dimensions	32,5 x 22 x 6 cm (12.8 x 8.7 x 2.4 in.)
Harmonized Tariff Code	8421.9900.99
Country of origin	the Netherlands

APPROVALS/CERTIFICATES



Directive 2011/65/EC (RoHS) valid as of 8 June 2011

Product type	WL+AST
Article no.	7900010190
Product category	Options and accessories
Version	080212/C

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