THE ENVIRONMENT

Always dispose of unwanted tools, accessories and packaging materials in an environmentally friendly manner.

In observance of European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE) and its implementation in accordance with national law, electrical goods that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Do not dispose of electrical goods with domestic waste materials as inappropriate disposal may cause potential hazards to the environment and human health.

For further information, please contact your local authority or the retailer from whom you purchased the product.

This product does not contain any restricted substances in concentrations and applications which are banned by the European RoHS2 Directive.

DECLARATION OF CONFORMITY

We hereby certify that KENNEDY SINGLE STAGE ARGON REGULATOR

(ORDER CODE: KEN-884-4300K)

complies with all the relevant provisions of the

European Pressure Equipment Directive 2014/68/EU

Gas Equipment conforms to the following relevant standard
Pressure Regulators EN 2503:2009

Signed:

Date: 1st October 2017

Name: Keith Read

Position: HSQE Manager.

KENNEDY TOOLS
Wigston, Leicester, England, LE18 2FS
www.kennedy-tools.co.uk

CE

QUALITY GUARANTEE & WARRANTY

KENNEDY TOOLS carry a one year manufacturer's warranty.

KENNEDY TOOLS are designed & manufactured to the highest standards & specifications.
Assuring the quality and performance required by all sectors of industry.

KENNEDY TOOLS are fully guaranteed against faulty materials & workmanship.
Should they be found to be defective, they will either be repaired or replaced free of charge (fair wear and tear and/or misuse excepted).

Please retain supplier invoice as proof of purchase.

THE KENNEDY GROUP, WIGSTON. LEICESTER, ENGLAND. LE18 2FS
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KENNEDY

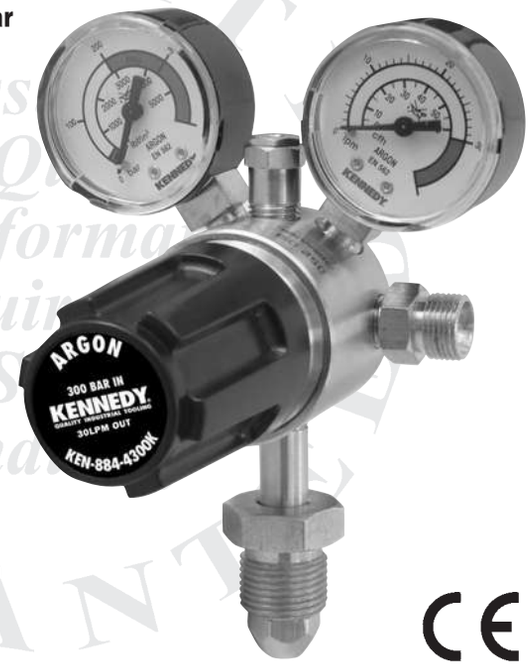
QUALITY INDUSTRIAL TOOLING

SINGLE STAGE ARGON REGULATOR

MODEL:
SSR300-ARG

ORDER CODE:
KEN-884-4300K

- **Easy read gauges for 300 bar inlet and 30LMP outlet pressures**
- **Flow rate adjusting knob for control of outlet supply**
- **Safety relief valves vents excess pressure from regulator**
- **Bottom entry design for use on top outlet cylinder valves**
- **Fitted with 1/4 BSP threaded gauges**
- **Standard 3/8 BSP outlet and 5/8 BSP inlet connections**
- **Date stamped to show when regulator needs replacing or refurbishing**



CE

WARNING: THE SAFETY INFORMATION GIVEN INSIDE MUST BE READ AND UNDERSTOOD BY ANY PERSON USING, INSTALLING, REPAIRING OR MAINTAINING THESE PRODUCTS.

OPERATOR'S MANUAL

Please retain this information for future reference.

KENNEDY thoroughly recommends reading these instructions before using the Welding Gas Regulator, even if you have used one before. Reading these instructions carefully and understanding them fully will enable you to perform tasks correctly and will prevent injury to yourself, someone else and avoid damage to property.

SAFETY GUIDELINES

- Always follow the instructions or you may suffer physical injury or damage to property as a result.
- Always be aware of health and safety regulations regarding welding.
- Always wear correct eye and body protection.
- Always ensure the working area is clear of flammable materials as sparks from the process can travel long distances.
- Always remove ill fitting clothing, ties, watches, rings, other loose jewellery and contain long hair.
- Always ensure only trained personnel should use pressure regulators and cylinders
- Always ensure gas cylinders are safely secured.
- Always ensure hoses are kept tidy on the floor to reduce the risk of tripping on them.
- Always ensure the working area is well ventilated to ensure there is no risk of asphyxiation.
- Always keep a fire extinguisher nearby.
- Always ensure no oil or grease is present on any of the parts used in the system
- Always immediately turn off the oxygen flow followed by the fuel gas in the event of a flash back and switch off the cylinder valves checking all equipment for overheating.
- Always ensure Acetylene cylinders are safe after a flashback, check for hot spots or vibration; there is a risk of explosion.
- Never modify or use the regulator for any application other than for which it is designed.
- Never use Oxygen to blow off work pieces or clothing. Oxygen is an accelerant and carries a high risk of explosion or fire.
- Never operate the regulator if it appears to be damaged.
- Never snift Hydrogen cylinders.
- Never operate when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- Never drop.
- Never cut or weld containers or vessels that are used for storage of combustible materials such as fuel and oil drums.

TERMINOLOGY

Snifting: - The practice of opening and closing cylinder valves quickly to remove debris before fitting regulators.

Flow meter: - A piece of equipment that facilitates the mixing and control of the gases to perform a welding or cutting operation.

Regulator: - A device fitted to the cylinder outlet to reduce the cylinder pressure to that required by the blowpipe.

Hose Assemblies: - Used to connect the regulator to welding equipment.

Pressure Relief Valve: - Vents excess pressure from the regulator when the system pressure exceeds a predetermined level.

CONNECTION OF THE SYSTEM

- Check the cylinder valves are clean and the threads are in good condition. Snift the valve to remove debris from the valve seat (Never Snift Hydrogen cylinders).
- Connect the pressure regulator to the cylinder, ensure the regulator is the correct type for the gas and cylinder pressure.
- Ensure the regulator knob is fully unscrewed
- Connect the gas hose to the regulator or flow meter and ensure all down stream control valves are closed.

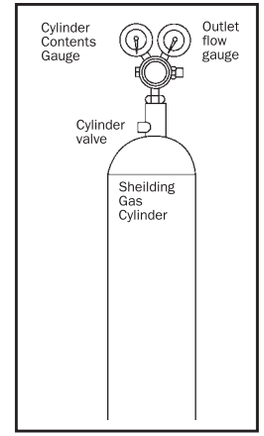
CONNECTION OF THE REGULATOR TO THE CYLINDER

STARTING UP

- Slowly open the cylinder and adjust the regulator to the correct operating pressure for the operation (turn clockwise to increase pressure). Never stand in front of the regulator when opening the cylinder valve
- Check the system for leaks using a suitable leak detection fluid. Recheck the pressures with the gas flowing.
- Purge each hose to ensure the hoses and welding equipment is primed with gas. Ensure this is conducted in a well-ventilated place. Purging should be carried out after each period of non-use.

SHUTTING DOWN

- Close the gas control valve on the welding equipment.
- Close the cylinder valve.
- Reopen the control valves on the welding equipment to vent the gas In the system.
- Unscrew the pressure-adjusting knob on the regulator and when the system is fully relived of pressure close the gas control valve on the welding equipment.



TROUBLE SHOOTING

- **WELD POROSITY**
  - A - Ensure hoses are purged correctly
  - B - Check all contections and hoses or leaks
  - C - Check torch for leaks
  - D - Increase gas flow
  - E - Check correct gas is in use
- **REGULATOR FREEZES**
  - A - Reduce gas flow
  - B - Consider use of higher capacity regulator
  - C - Fit gas heater

MAINTENANCE

Daily - Check the condition of all equipment checking for damage especially hoses and gauges

Weekly - Pressure test the system and check for leaks using a suitable 0.5% detergent solution in water (or other oil free leak detection fluid)

Every Five Years - Ensure the product is removed from service and replaced or refurbished by a qualified person (refer to the date stamp on the equipment)