

Procedures for Converting the R-33S1 Sensors into the WGA-01

WGA-01 is used in the following instruments:

- Weld Wide Ar-Gone
- Sumner Ar-Gone

- 1) Change the polarity of the R-33S1 sensor
- 2) Provide Derek with the barcodes of the R-33S1 sensors. Inform Derek of the Model (WGA-01) and the company name to be on the sensor (Weld Wide or Sumner).
- 3) Remove original Teledyne label and replace with new OEM label.
- 4) Sensors to be given to Steve Nixon for fitting into instruments.

Procedures for Converting the R-17 VAN Sensors into the WGA-02

WGA-02 is used in the following instruments:

- Weld Wide Argonaught (TEK-OX)
 - Sumner Argonaught (TEK-OX)
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- 1) Provide Derek with the barcodes of the R-17VAN sensors. Inform Derek of the Model (WGA-02) and the company name to be on the sensor (Weld Wide or Sumner).
 - 2) Remove original Teledyne label and replace with new OEM label.

Procedures for Converting the TEK-OX into the Argonaught

Please make sure that the TEK-OX analysers have already been programmed with the Weld Wide software, if not Derek can programme them.

- 1) Glue the camera-mounting nut into position at the back of the TEK-OX with Araldite.



- 2) Clean off excess glue using a kitchen towel dampened with Isoclone, if necessary.
- 3) Once the glue is dry, remove the R-17VAN sticker from the inside and the 3 labels from the outside of the TEK-OX, if present.
- 4) Replace the outside labels with either the Sumner or Weld Wide labels.



- 5) Add the WGA-02 sensor and batteries and fit the bottom cover.
- 6) Turn on the monitor and make sure that the display is the opposite way round to the standard TEK-OX and displays “WELD GAS” / “ANALYSER”.



- 7) Fix a small key ring and lanyard screw into position on the back of the analyser.

- 8) Pack each TEK-OX into a re-sealable bag and affix the corresponding sensor bar code label.

Please note that you must record the original serial numbers of the TEK-OX, new serial number and the serial numbers of the sensors used, the list is to be filed with the customers PO.