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# Maintenance and service

The SMD3 contains no user-serviceable parts.

## Cleaning

If the instrument requires cleaning, disconnect the power and all other connections, and wipe it down with a cloth slightly dampened with water or a mild detergent.

## Troubleshooting

Problem	Resolution
Red and green status indicators off	Check that the power supply to SMD3 is correctly connected and meets the requirements given in section <a href="#">Technical Information</a>
Red status indicator flashing or lit solidly	Each indication corresponds to a fault, review section <a href="#">Faults</a>
Motor does not move when commanded	<p>Is a fault present? Check the red status indicator on the front panel, and use the SMD3 software or remote interface to determine the nature of the fault. After the fault has been fixed, run the CLR command, or use the reset fault input to restore normal operation</p> <p>Check the motor wiring to the SMD3; disconnect the motor, and use a multimeter to measure the resistance of each phase, see section <a href="#">Lead Identification</a>, which should be approximately 3 – 15 ohms</p>
Joystick does not work	<p>Is joystick mode selected?</p> <p>If you want to switch to joystick mode automatically on connection of the joystick, see setting <a href="#">AUTOJS</a> and section <a href="#">Joystick</a>. The joystick must be wired correctly for the auto-detect function to work as described in section <a href="#">Joystick</a></p>

## Storage and disposal

The product must be disposed of in accordance with the relevant local regulations for the environmentally safe disposal of systems and electrical components.

In the United Kingdom (UK) and European Union (EU), waste from electrical and electronic equip-



ment (WEEE) is subject to legislation designed to prevent the disposal of such waste and to encourage proper treatment measures to minimize the amount of waste ultimately disposed to landfill. To view AML's WEEE policy please visit: [https://arunmicro.com/documentation/WEEE\\_procedure.pdf](https://arunmicro.com/documentation/WEEE_procedure.pdf)

## Assistance

In the first instance, contact the distributor or supplier of the equipment. Always quote the serial number of the instrument and firmware and software versions. Provide a written description of the problem. If the problem is related to a motor or mechanism manufactured by AML, include the serial number(s) of those items. Do not return products to AML without prior approval.

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