ERRATA

300B-Series and 500B-Series User Manuals

The information in this document supersedes information contained in the Model 300B Series Temperature Controller User's Manual (Newport Part No. 90036887, Rev. A) and the Model 500B Series Laser Diode Drivers User's Manual (Newport Part No. 90036888, Rev. B).

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300B-Series and 500B-Series User Manuals

EU Declaration of Conformity

We declare that the accompanying product, identified with the CE mark, complies with requirements of the Electromagnetic Compatibility Directive, 2004/108/EC and the Low Voltage Directive 2006/95/EC.

Model Number: Model 325B and 350B Series Temperature Controllers

Year CE mark affixed: 2004

Type of Equipment: Electrical equipment for measurement, control and laboratory use

Manufacturer: Newport Corporation

1791 Deere Avenue
Irvine, CA 92606

Standards Applied:

Compliance was demonstrated to the following standards to the extent applicable:

BS EN61326-1: 2006 “Electrical equipment for measurement, control and laboratory use – EMC requirements”

This equipment meets the CISPR 11:2006 Class A Group 1 radiated and conducted emission limits.

IEC 61010-1:2001 second edition “Safety requirements for electrical equipment for measurement, control and laboratory use”

Mark Carroll

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ERRATA

300B-Series and 500B-Series User Manuals

EU Declaration of Conformity

We declare that the accompanying product, identified with the CE mark, complies with requirements of the Electromagnetic Compatibility Directive, 2004/108/EC and the Low Voltage Directive 2006/95/EC.

Model Number: Model 500B Series Laser Diode Drivers

Year CE mark affixed: 2003

Type of Equipment: Electrical equipment for measurement, control and laboratory use

Manufacturer: Newport Corporation

1791 Deere Avenue
Irvine, CA 92606

Standards Applied:

Compliance was demonstrated to the following standards to the extent applicable:

BS EN61326-1: 2006 “Electrical equipment for measurement, control and laboratory use – EMC requirements”

This equipment meets the CISPR 11:2006 Class A Group 1 radiated and conducted emission limits.

BS EN 61010-1:2001 “Safety requirements for electrical equipment for measurement, control and laboratory use”

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NOTE

The Model 300B-Series Temperature Controllers and Model 500B-Series Laser Diode Drivers are intended for use in an industrial laboratory environment. Use of these products in other environments, such as residential, may result in electromagnetic compatibility difficulties due to conducted as well as radiated disturbances.

Waste Electrical and Electronic Equipment (WEEE)

Figure 1 WEEE Directive Symbol

This symbol on the product or on its packaging indicates that this product must not be disposed of with regular waste. Instead, it is the user responsibility to dispose of waste equipment according to the local laws. The separate collection and recycling of the waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For information about where the user can drop off the waste equipment for recycling, please contact your local Newport Corporation representative.

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The Newport programs and all materials furnished or produced in connection with them ("Related Materials") contain trade secrets of Newport and are for use only in the manner expressly permitted. Newport claims and reserves all rights and benefits afforded under law in the Programs provided by Newport Corporation.

Newport shall retain full ownership of Intellectual Property Rights in and to all development, process, align or assembly technologies developed and other derivative work that may be developed by Newport. Customer shall not challenge, or cause any third party to challenge the rights of Newport.

Preservation of Secrecy and Confidentiality and Restrictions to Access:

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Service Information

This section contains information regarding factory service for the source. The user should not attempt any maintenance or service of the system or optional equipment beyond the procedures outlined in this manual. Any problem that cannot be resolved should be referred to Newport Corporation.

Errata-300B Series Temperature Controller User's Manual

1. Page 17, Section 2.1
   Three operating modes are user selectable: constant R (thermistor), constant T (thermistors and IC sensors), or constant I_{TE} (TE cooler), while delivering high output power from 60 Watts to 130 Watts.

2. Page 17, Section 2.1
   The P-I-D control loop renders performance for fast settling onto a low noise, bipolar current output in three operating modes: 1) constant thermistor resistance, 2) constant Temperature as monitored by a thermistor or IC sensor, or constant peltier-cooler (thermo-electric) temperature.