Specifications

The BPH/U & Blue Light Analyzer (BPH #119518 220v BPH # 219522) is an invaluable aid for quality control of lenses regarding blue/violet light transmission.

The BPH/U & Blue Light Analyzer features a microprocessor controller that at a push of a button calibrates the meter for a 100 percent transmission. No matter what happens to the meter’s new circuitry that contains an automatic gain controller stage that accommodates itself to variations in density and hardness of CR-39™ lenses typically affect their ability to accept dye.

Two lenses that have been in the same dye tank the same amount of time may not come out with equal blue/violet light protection. IT IS THE LENS PROCESSOR’S RESPONSIBILITY TO VERIFY THIS PROTECTION, and the BPH®UV & Blue Light Analyzer arrived with a Wertheim Protection Factor™ (WPF) of “0” because no blue/violet light is blocked. A lens with high luminous transmission but minimal high energy blue/violet transmission such as BPI Total Day has a Wertheim Protection Factor™ of about “40”.

An opaque lens blocks all visible light including violet and blue, but has a WPF of “0” because it is not useful for seeing!

The Wertheim Protection Factor™ is a figure of merit based on the product of a lens’ photopic transmission with its blocking ability for high-energy (blue/violet) wavelengths.

Warning!

ALWAYS UNPLUG THE UNIT WHEN SERVICING.

If this equipment is used in a manner other than that specified by Brain Power Incorporated, the protection provided by the equipment may be impaired.

To clean the meter, wipe with a damp cloth.

Replacement Parts

1 AMP/250v. Fast Blow Fuse… BPI#59905

Questions? Ordering...

If you have any questions about the use of your gradient system or any other BPI product, or would like to order supplies, please give us a toll-free call using the number for your area.

© 2000 BPI All specific product names, mentioned herein are trademarks of Brain Power Incorporated, Miami, Florida, USA. Unless otherwise stated, BPI is a registered trademark with the US Patent Office and with similar offices in other countries.

MANUAL RE#59905