

PARKS FLO-LAB, OPERATING MANUAL

WARNINGS / HAZARDS

WARNING: MISUSE OF THIS EQUIPMENT AND INAPPROPRIATE ELECTRICAL CONNECTIONS WILL CREATE A SHOCK HAZARD. What appears to be simple connections to other equipment can place the patient and/or the operator at risk of electrical shock. **DO NOT** connect to an amplifier or intercom system. **DO NOT** connect items which are not specified as part of the original system.

FOLLOW THE MANUAL INSTRUCTIONS ON THE USE OF THIS EQUIPMENT. Avoid use involving electrical contact with other equipment. *We assume no responsibility for misuse of our equipment.*

ELECTRICAL WARNING: The multiple socket outlets of the power supply shall only be used for supplying power to equipment which is intended to form part of the system. Additional portable multiple socket outlets or extension cords shall not be connected to the system. Power for the non-medical equipment supplied with the system (computer, monitor & printer) is intended to be supplied via the multiple socket outlets of the medical grade transformer supplied with the system. Plugging the non-medical equipment directly to wall power will compromise electrical safety and place the patient and/or the operator at risk of electrical shock.

WARNING: The printer, monitor and computer must be approved to the following standards by CSA, VDE and/or other appropriately recognized approval body:

UL Std No 60601-1 (1st Edition) and IEC Publication 60601-1 (1988)
IEC 60601-1 Amendment 1:1991 and IEC 60601-1 Amendment 2:1995

Should you have reason to replace any of these non-medical components, it is best to obtain them from Parks Medical Electronics, Inc. to insure they will meet the aforementioned standards.

WARNING: THIS EQUIPMENT IS NOT SUITABLE FOR USE IN THE PRESENCE OF FLAMMABLE ANAESTHETIC MIXTURES WITH AIR, OXYGEN OR NITROUS OXIDE.

The possibility of explosion or fire always exists when this equipment is used in such an environment.

THIS EQUIPMENT SHOULD NOT BE USED WITH A DEFIBRILLATOR.

POTENTIAL ELECTROMAGNETIC OR OTHER INTERFERENCE: This Doppler may cause radio interference or may disrupt the operation of nearby equipment. It may be necessary to take mitigation measures, such as reorienting or relocating the Doppler, or shielding the location.

The Flo-Lab's IR remote receiver may respond to other IR equipment in the user's facility, which can interfere with the function of the Flo-Lab. If you suspect this is occurring, please contact Parks Technical Support at 1-888-356-9522. You may be provided with a corded remote to prevent further occurrences.

SUSCEPTIBILITY: This Doppler may experience a high pitched tone or buzzing noise from radio interference caused by a cell phone, mobile service or police station nearby. Interference may also be experienced from another Doppler, electrocautery or other sparking device, as well as defective fluorescent light fixtures or neon signs, if located in the close proximity.



VPR MODE OF OPERATION: Continuous Operation with Short-time Loading. The air pumps for the blood pressure cuffs shall be operated for a maximum of 4 minutes continuously, and then allowed to cool to ambient temperature, which will take 1.5 hours.

INSPECT THE PROBE: Before using the probe, inspect for any cracks or breaks in the protective material covering the probe that could allow for ingress of conductive fluids such as acoustical coupling gel. Damage to the protective covering could create a shock or burn hazard if an uninsulated instrument is grounded and used with or touches other electronic equipment.

PHYSIOLOGICAL EFFECTS OF ULTRASOUND

IMPLANTED DEVICES

Implanted devices such as cardiac pacemakers should be avoided due to the possibility of affecting their operation. Some plastics used in replacement surgery may be affected by absorption of ultrasound energy. Metal implants may lead to reflections and as a precaution, avoid using ultrasound close to these.

STUDIES NEAR SENSITIVE TISSUES

Extreme care should be taken when treating areas near the eye because of the danger of damage to the retina. Similarly, extreme care should be taken near other sensitive nervous tissue. Based on experimental and epidemiological data, there is presently no identified risk associated with diagnostic ultrasound. However, a prudent and conservative approach is recommended in which diagnostic ultrasound should be used only for medical benefit and with minimal exposure.

THIS DOPPLER IS INTENDED FOR USE BY HEALTHCARE PROFESSIONALS ONLY.

ENVIRONMENTAL HAZARDS: There are no potential environmental hazards from the gels used with the probes.