

CLINICAL ENGINEERING

Biomedical Equipment Maintenance



How to Use Your Fluke Scopemeter as a MilliAmps (mAs) Meter

Last year, the Air Force Medical Logistics Office (AFMLO) centrally purchased Fluke Scopemeters for all medical maintenance activities. The meter was a model 99B with x-ray mAs (milliAmps x seconds) measurement capability. At the time of this purchase, instructions for making x-ray mAs measurements were not available in the instruction manual that came with the meter. Fluke has recently given AFMLO permission to reprint this procedure.

Attachment 1, pages 1 through 6, contain a procedure for using the Fluke 99B as a "MAS" meter. This procedure is only applicable to the 99B or 105B models. Biomedical equipment technicians (BMETs) are encouraged to maintain a copy of the publication with their scopemeter instruction manual. (AFMLO/FOME, MSgt Ben Allen, DSN 343-7487)

Quality Assurance

Recall of Bird Avian Ventilator

Bird Products Corporation issued a recall of the Avian ventilator on 7 May 96. It was a follow-up to the Avian Transport Ventilator Safety Alert issued in April 96. It has been determined that **all** Avian ventilators will require a retrofit of the pneumatic manifold to prevent the accumulation of enriched oxygen within the ventilator. A small number of ventilators will also require repair of the

Power PCB to replace a potentially defective component.

Bird sent boxes, return address labels, and information cards to all of the facilities that have Avian ventilators in order to return the units for repair. Only the ventilator should be returned (without blender, circuit, manual, etc.). Bird will contact you within three business days of receiving your ventilator to provide you an estimated return date.

If your facility has Bird Avian ventilators and you did not receive shipping boxes and labels, contact the Technical Service Department at (800) 760-2473 or Mr. Battiste at (619) 778-7341. Bird will then provide boxes or a returned goods authorization (RGA) number. (AFMLO/FOMP, Capt David Zemkosky, DSN 343-4028)

Quality Assurance Alert -- Ventilator, Neonatal/Pediatric MDC 14360, Bear Cub, Model 2001, Allied Healthcare Products, Inc. (Bear Medical)

Allied Healthcare Products, Inc., has recently identified a potentially hazardous condition involving the operation and function of the Bear Cub infant ventilator, Model 2001. The hazardous condition may occur when the internal filters, having been manufactured, reconditioned, or serviced since May 1994, have become disconnected from the PVC tubing. The alert and corrective actions issued by Allied can be found in **Attachment 1**, pages 17 - 23. All facilities with Bear Cub infant ventilator, Model 2001, should inspect the ventilators and ensure that corrective actions are taken, if required. For replacement filters and further information, contact Allied Healthcare at (800) 232-7633 or (909) 788-2460. (AFMLO/FOMP, Capt David Zemkosky, DSN 343-4028)

Food and Drug Administration (FDA) Recalls/Alert Notices

Attachment 2, paragraph 1, provides information on FDA medical equipment recalls and alerts. Personnel from clinical engineering, biomedical equipment maintenance, quality assurance, and safety should follow the guidance provided to ensure the effective maintenance and management of medical equipment. (AFMLO/FOMP, Capt David Zemkosky, DSN 343-4028)

Medical Equipment Management

Updated Customer Order List (COL) For Shared Procurement Dental Delivery Systems

The Defense Personnel Support Center (DPSC) has published an updated customer order list (COL) for the dental delivery system shared procurement contract with DEN-TAL-EZ, Inc. The new COL includes several new configurations that were not listed in the original COL. The updated COL can be found in **Attachment 1**, pages 7 through 12. (AFMLO/FOMP, Capt David Zemkosky, DSN 343-4028)

Shared Procurement Equipment Items Currently Available

Attachment 1, pages 13 and 14, contains a list of all current Shared Procurement contracts and optional contracts available through the Defense Personnel Support Center (DPSC). If you plan to order any of these items for your facility, use the specific ordering instructions and overall program guidance contained in AFMLL 4-96, pages CE-4 and CE-5. (AFMLO/FOMP, Capt David Zemkosky, DSN 343-4028)

“Piggyback” Contracts Currently Available

Attachment 1, pages 15 and 16, contains a list of all “piggyback” contracts currently available through DPSC. These contracts will allow facilities to “piggyback” requirements onto existing orders placed for specific quantities. Many of these contracts are designed to buy large quantities at reduced prices, and are written with the option of buying additional quantities at the same price. The list includes available quantities and “Order By” dates. To order, send your requisitions to DPSC (using the MILSTRIP process), Attn: Mr. J. Gallagher/DPSC-MQA, and reference the contract number (from the listing) in the notes section. DPSC surcharge will be 9.8%. (AFMLO/FOMP, Capt David Zemkosky, DSN 343-4028)

JEFFREY W. COOPER, Colonel, USAF, MSC
Chief, Air Force Medical Logistics Office