

IH Equipment

The listed equipment gives the industrial hygienist the basic functions to run an Industrial Hygiene program. This is not a complete listing of our industrial hygiene laboratory's equipment and total capability. If you are an Army employee and wish to receive information on any of our equipment please email:

USAPHC-IHEquipmentRequest@amedd.army.mil



BIOS DEFENDER FLOW METER

Description: The Bios Defender flow meter, model 510, is a dry flow, primary standard for measuring the flow rate of personal air sampling pumps. It has a broad dynamic flow range, choice of single, hands-free continuous or user-specified burst measurements.

Specifications:

Flow Range: Low 5–500 milliliters (mL), Med 50–5000 mL, High 300–30,000 mL

Accuracy: 1% volumetric; “Average of 10 measurements”

Volumetric Flow: milliliter per minute (mL/min) or L/min or cubic centimeters/min or cubic feet/min

Weight: 29 ounces

Power supply: Transformer and internal battery pack sealed lead-acid, battery duration 6–8 hours