

NEW IMPROVED ALOE FREEZING-DEHYDRATION APPARATUS

for cell chemistry and pathology

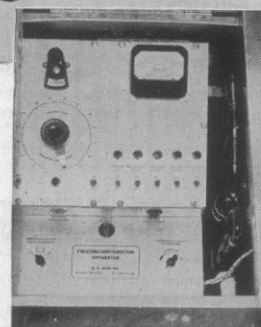


Permits Direct Embedding in Dehydration Chambers

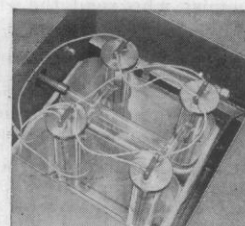
The Aloe stainless steel Freezing-Dehydration Apparatus is based on the principles of Altmann and Gersh. Important engineering improvements in the new unit include facilities for embedding tissue right in dehydration chamber . . . direct reading scales for more precise temperature and vacuum control . . . and flexible vibration proof joints.

Under accurate controls, the new Aloe Freezing-Dehydration apparatus permits tissue to be dehydrated and fixed with minimal losses and alterations. Tissue, after preliminary freezing in isopentane or liquid air, is placed in one of the vacuum chambers in the refrigerated compartment. Temperature is adjusted from 0° C. to -40° C. and vacuum to 0.001 mm mercury. If desired, the specimen may be embedded directly without breaking the vacuum. Embedding may also be carried out in some inert atmosphere such as nitrogen. Sections of embedded materials may be used for morphological and cytochemical studies by numerous methods.

JL71580—Freezing-Dehydration Apparatus, with accessory equipment. For 115 volts, 60 cycles, A. C. Each. . \$2,675.00



Improved Control Panel includes necessary gages for vacuum and refrigeration.



Refrigeration Compartment, specimen assembly with embedding caps in position.



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