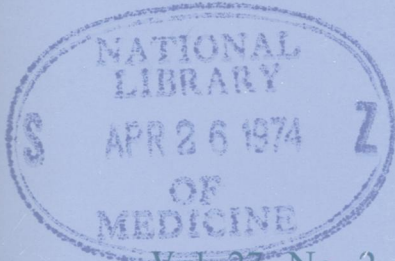


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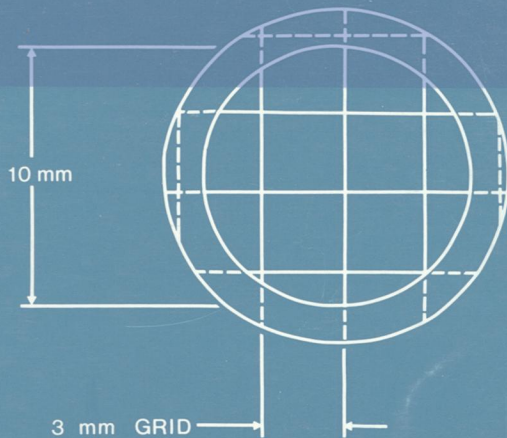
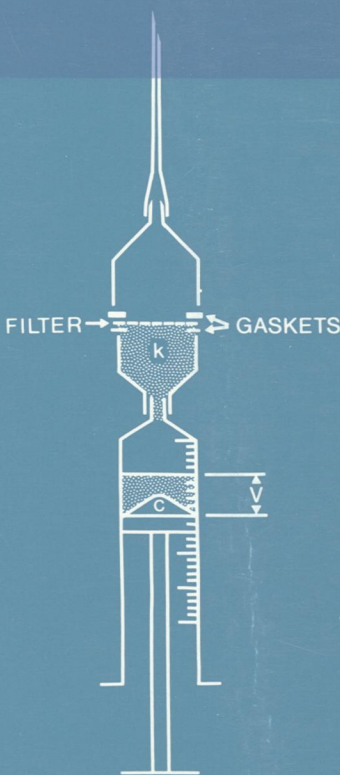
COPY 2

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$$\text{EFFECTIVE FILTER AREA} = 25 \pi \text{ mm}^2$$

$$\text{TOTAL VOLUME OF ASPIRATE} = V + K$$

(K = Correction Constant = k - c)

$$\text{IF "X" CELLS IN } 9 \text{ mm}^2$$

$$\text{THEN CELLS IN TOTAL ASPIRATE} = X \pi \frac{25}{9}$$

$$\therefore \text{CELLS PER ml} = X \pi \frac{25}{9} \times \frac{1}{V + K}$$

Diagram of filter membrane and cartridge. See fig 1, page 102.