

# MAKING TUBES IS EASY..

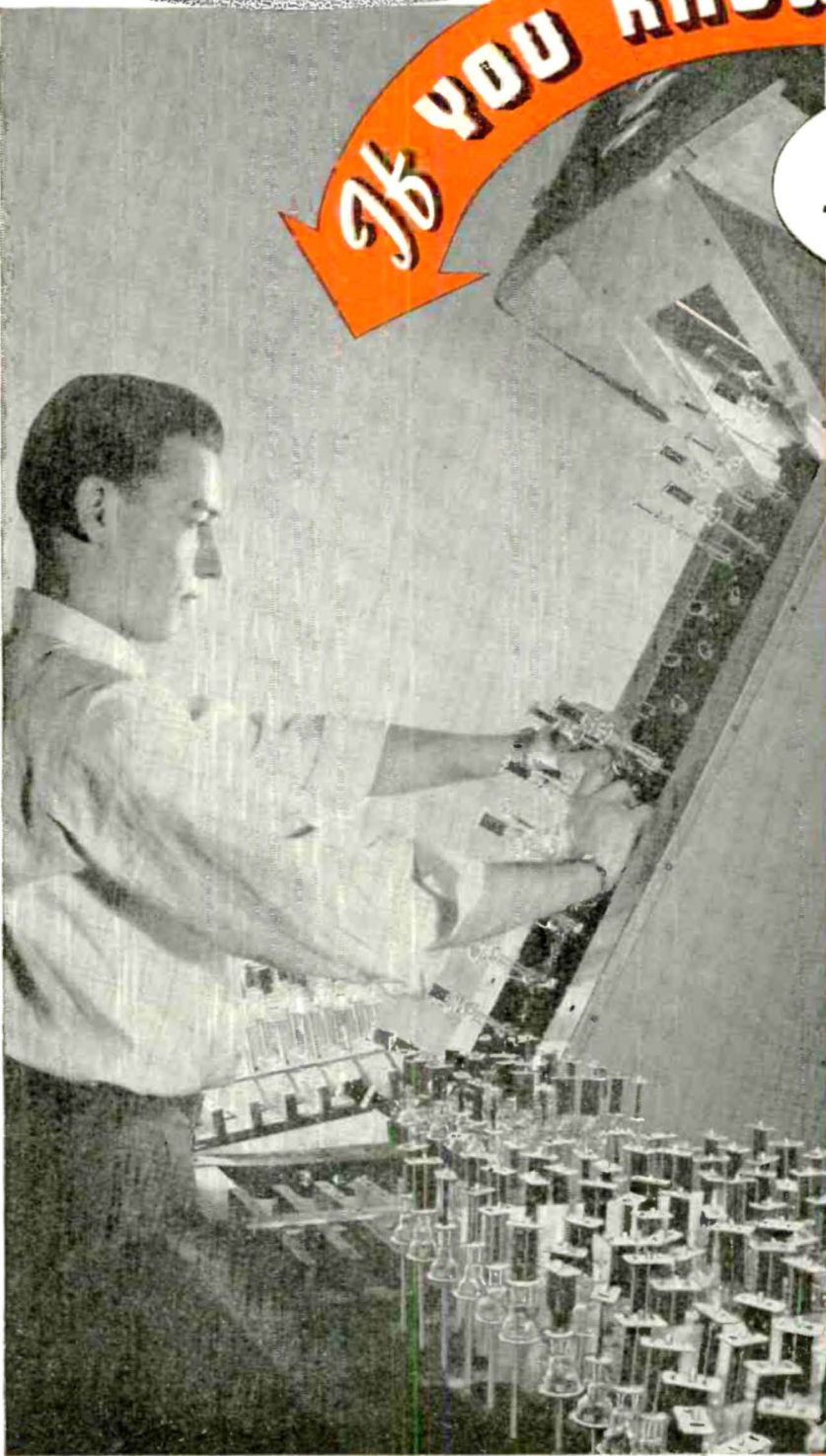
## IF YOU KNOW HOW!

### WASHING OUT THE BLACK MAGIC

Tubes are funny critters. Years ago Hytron engineers had this puzzling experience. Production of a certain tube was running beautifully. Without warning, control over emission was lost and rejections skyrocketed. The exact cause could not be pinned down. Finally an engineer suggested washing the mount assemblies in distilled water just before sealing. What a radical idea! Moisture on tube parts had always been shunned. But washing—followed by thorough drying—was tried. As with the snap of one's fingers, the trouble vanished—tube performance became normal.

Parts had already been degreased, hydrogen fired, handled and stored with painstaking care. Just before sealing-in, the mounts had been blown out with clean compressed air. All that fussiness had not been enough. Why? Human handling during assembly had been necessary and had introduced minute traces of salts and fatty oils from the operators' hands. For some types of tubes mount washing is worse than useless. For others, however, Hytron engineers have proved it a must.

The illustrated mount washing machine symbolizes a determination to insure you from trouble. A formidable looking gadget, it is merely an endless belt carrying the mounts through distilled water, alcohol for quick drying, and then past a bank of infrared lamps. Like many an effective manufacturing device, it is simple as pie—if you know how. But what a difference in tube satisfaction such little Hytron extras in cleanliness can make for you!



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