

Technical Letter

BOOK NO. 448/63

MECHANICAL WATCHES

FACTS ABOUT MECHANICAL WATCHES

Our Accutron and Bulova product lines both have models which utilize either mechanical, mechanical automatic, or automatic chronograph watch movements.

Mechanical watches differ from Quartz watches in several respects:

1. No battery changes are needed - they are powered by a mainspring, which is wound either by wrist movement; or in some models by daily winding of the setting crown.
2. Because it is a mechanical device, it's accuracy is subject to the effects of gravity and temperature. You can expect, on the average, a daily variance of up to 10 to 20 seconds for mechanical watches.
3. Just like automobiles, these watches require routine maintenance. Due to their mechanical complexity, mechanical watches require cleaning and new lubrication every 3 to 5 years to run at optimum efficiency.