



because clean matters.

TIMING MECHANISM FOR SAFES

Soaking, spraying and hand cleaning with harsh chemicals and abrasives are a thing of the past. Longer life and smoothly running time mechanisms are yours with L&R Ultrasonic Systems.

Simply –

1. Half fill your ultrasonic machine with #677 Ultrasonic Non-ammoniated Clock Cleaning Solution. Place timing mechanisms (minus dust covers) in tank with barrel opening up.
2. Cavitate 3-5 minutes.
3. Remove timer and drain with barrel opening down. **DO NOT ALLOW SOLUTION TO DRY.**
4. Place timer into Auxiliary Pan containing Ultrasonic Watch Rinsing Solution 1/2 full, barrel opening up and place pan on top of Ultrasonic Machine.
5. Cavitate 3-5 minutes. Drain as above.
6. Place into Auxiliary Pan of Clock Lube.
7. Cavitate 3-5 minutes. Drain as above.
8. Air dry with L&R Jewelry Dryer, barrel opening down. **DO NOT ALLOW EXCESS HEAT TO WARP HAIRSPRING.** Mechanism is now completely clean and lubricated.

Note: If hairspring is very small, it may be necessary to remove the Clock Lube with Single Step Quartz Circuit Cleaner, as the lubricant can cause the coils of the hairspring to stick together. This is done by removing the bridge, balance wheel and hairspring as one unit and dipping into Single Step Quartz Circuit Cleaner. Then you must lubricate the upper and lower balance jewels in the traditional manner.

EQUIPMENT NEEDED:

Machines, Accessories*: Q90, Q140, Q360 with Timer (for larger size unit), two Auxiliary Pans, Jewelry Dryer.

Solutions: #677 Ultrasonic Non-Ammoniated Clock Cleaning Solution (PC135); Clock lube (PC136); Single Step Quartz Circuit Cleaner(PC223); Ultrasonic Watch Rinsing Solution (PC121).

*Recommended Ultrasonic Cleaning System varies as to internal tank dimensions and volume of required cleaning.

