

SERVICE NOTE

JR6: Mechanical problems of coils

Please provide this inspection and setting of measuring coils of JR6 in case of low instrument sensitivity or mechanical vibrations:

1. Check the gap between both sides of measuring coils. There should not be any visible space when you close both side of the coils, as seen in Figure 1.
2. Check if there are no visible damage of inner side of the measuring coils including spheres for holder.
3. Check a proper mechanical adjustment of bronze spring to the latch (see Figure 2), keeping both sides of measuring coils firmly together and preventing oscillation.
4. Unscrew top cover from the column which holds coils and take a look to Figure 3. First, loosen fixing screws (red arrow). Then set proper mechanical stiffness of each side of coils with adjusting screws (green arrow).
5. After mechanical adjustment tighten fixing screws and close access to the screws by the mechanical cover.

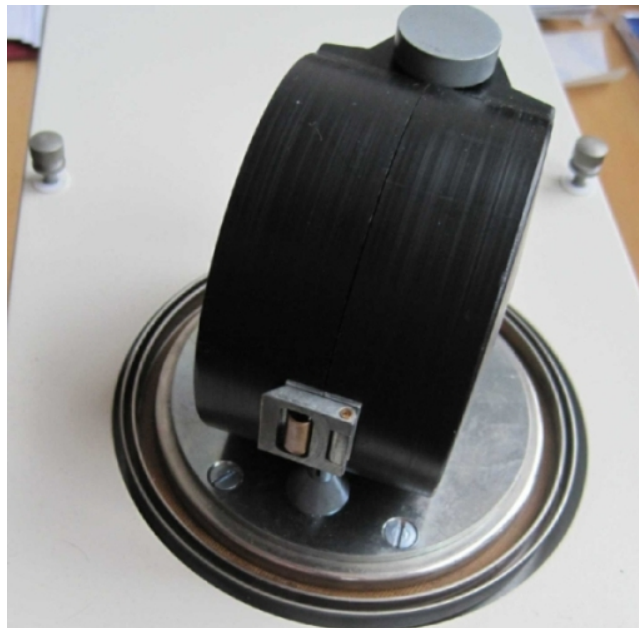


Figure 1: Measuring coils of JR6

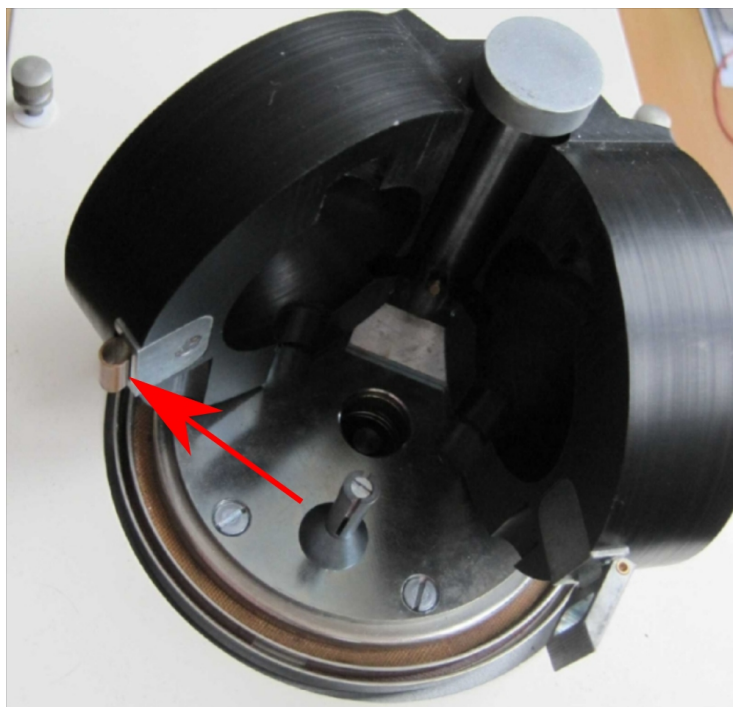


Figure 2: Bronze latch spring

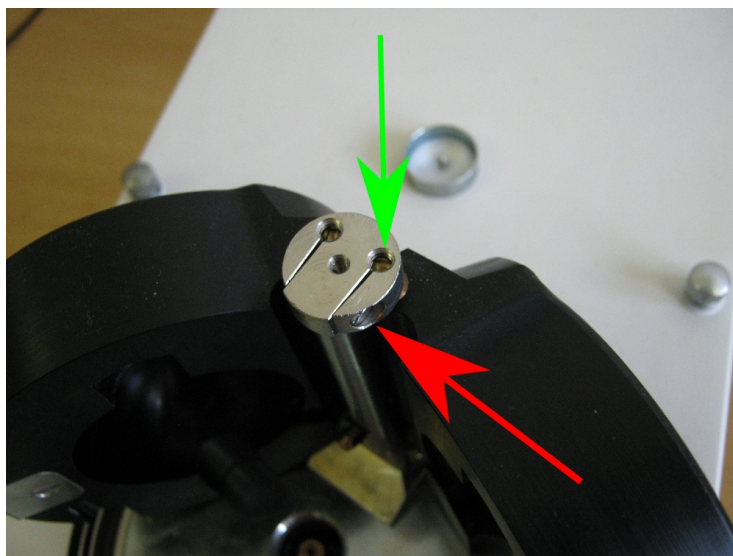


Figure 3: Fixing screw (red) and adjusting screw (green)