

At PMP We Don't Fix Meters... We Remanufacture Them

At PMP Corporation we follow a predetermined set procedure of remanufacturing, parts' replacement and testing for each item. We do not just repair obvious defects.

Our experience and statistics show certain parts are subject to heavy wear and some are more prone to early failure. That is why we invest so much time and material in units that we remanufacture.

All meters are processed through the following procedures:

1. Incoming units are examined and compared to the purchase order to make sure that they match. We prefer that customers do not send in special attachments which are subjected to wasted freight costs and possible damage or loss.
2. The units are then disassembled. All soft components are discarded. This includes gaskets, O-rings, leathers and seals.
3. The component parts are cleaned to remove internal buildup of varnish, grime, dirt, paint, etc. One of the more expensive costs of our procedure is treating the rinse water and disposing of the waste in an environmentally-safe manner.
4. All valves and valve seats are machine lapped to a minimum flatness of .000033". This is done on special equipment where accuracy is checked daily.
5. Aluminum valves or valve seats are re-hard coated on an as-needed basis.
6. Worn shafts are replaced or reground and hard chrome plated.
7. Bearings and bushings are checked for wear and replaced as needed.
8. New leathers, O-rings, seals and gaskets are used. All dynamic seals and O-rings are made of high-cost Viton® or Teflon® to give reliable performance with alcohol blended fuels.
9. Each meter is individually tested with a special mineral spirit blend that is similar to gasoline in viscosity and composition. This critical examination consists of a 65 psig pressure test followed by performance tests and final calibration both at fast-flow and slow-flow speeds. Meters are calibrated to plus or minus one cubic inch of zero and no more than two cubic inches between fast and slow tests.
10. A serialized and dated label is affixed to each of our remanufactured meters.



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