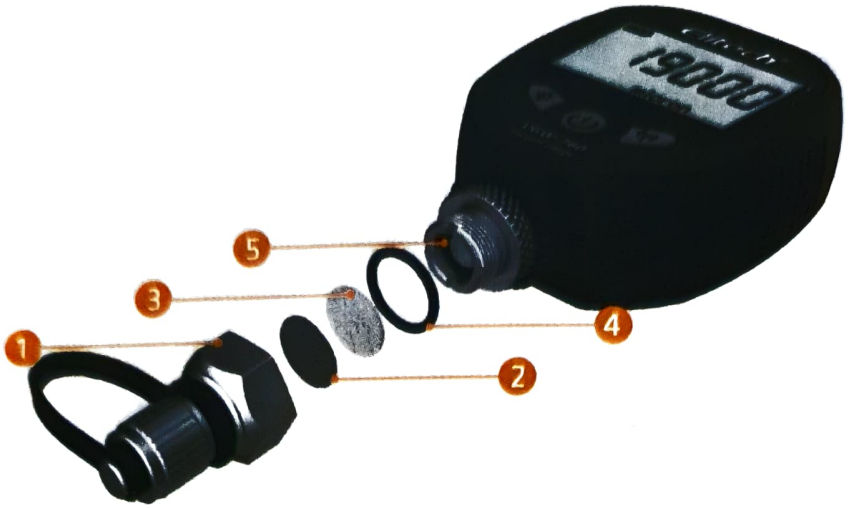
Maintenance



① Sensor Nut	④ O-ring
② Filter Net	⑤ Vacuum
③ Filter Cotton	

The filter cotton in the cavity is used to filter impurities and reduce sensor pollution. In order to maintain the best measurement accuracy, regular inspection is required.

Follow the steps below:

1. Turn the gauge off and remove the batteries.
2. Remove the sensor nut with a wrench, and remove the filter cotton and net.
3. Check whether the filter cotton and net are contaminated with impurities. Try to wipe it with a paper towel. Replace the filter cotton if it cannot be cleaned.
4. Check whether the O-ring is intact. If damaged, replace it. Before replacement, lubricate the O-ring with vacuum oil.
5. Put the filter net and cotton into the sensor nut and tighten the nut with a wrench. (Torsion >=5N.m)

If the vacuum sensor inside the cavity is contaminated, follow the methods below to clean it:

1. Inject acetone or alcohol (>70%) into the vacuum cavity with a dropper or a syringe. Tighten the nut and gently shake the gauge.
2. Loosen the nut and drain the fluid from the cavity. Repeat such operation 3 to 4 times.
3. Evacuate it or place it for 3 hours until the sensor gets dry.