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DEA Engineering has been manufacturing quality low flow meters for over 25 years. The DEA micro flow meter is available at a very low cost compared to any other low flow meter. There are certain aspects of DEA Engineering that distinguishes itself from other circulation meters.

â€¢ It is simple to use and inexpensive to buy.

â€¢ The small dimension in the parts reduces the relative velocity.

â€¢ It could be cleaned in a very simple way.

â€¢ It can be disassembled and reassembled within a small area.

Even though it has many attributes they do require continued proper maintenance. The best way to clean the micro flow meter is when the upper and the lower parts of the meter are separated. For the purpose of cleaning the DEA Micro Flow Meter, it is better to set apart a small cleaning area to clean the internal parts of the meter. For the internal parts like diaphragm, nutator, beam, balance plate, outlet bushing, anti-rotation pin and â€œOâ€• rings, proper care is required while separating them and attaching them. The DEA Flow Meter is less susceptible to wear and more capable of service in hostile liquids.

DEA Micro Flow Meter Measuring Principle

During each cycle, the amount of liquid that has been displaced is equal to the difference in the volumes of the chambers minus the volume of the pistons. This process repeats itself in a continuous flow mode at the rates of 1 to 210 complete cycles per second proportionately to the fluid flow through the meter. For example, when we talk about the FMTD4 Micro Flow Meter, where each cycle displaces .02 cc. One gallon is displaced by 200,000 cycles. The FMTD20 Micro Flow Meter has a flow rate capacity five times larger than the FMTD4.

Signal detection is accomplished by light interruptions of a photo emitter/detector device. A ferromagnetic wire tracks the magnet in the nutator [through a pressure tight barrier] causing these interruptions. The interruptions are electronically manifested as sign waves, which are then conditioned by conventional electronic means to provide a square wave output.

DEA Micro Flow Meter Warranty

The DEA Micro Flow Meter is offered with a warranty period of 18 months from the date of its shipping or 12 months from the date of its installation, which ever is less. During this period, if any product gets damaged then it has to be removed or replaced at Sellerâ€™s option. But in this case, sellerâ€™s obligation is only limited to only repair of the product but the same has to be given to him in writing. But the seller is not responsible for any other damage that is incidental or contingent,

So, we can say that DEA micro flow meter is a very useful product as compared to any other low flow meter. It will be a very wise decision to choose the DEA Micro Flow Meter over any other low flow meter on the market.

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The site offers different types of a DEA Engineering to make your fittings proper. now you can avail good qaulity a DEA Micro Flow Meter easily.

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