

# Equipment Technical Bulletin



## WARNING! POTENTIAL ELECTRICAL SAFETY HAZARD

### PR1100 – Chemical Leakage into Pump Motor

#### OVERVIEW/ISSUE

We have received a report from the field of a PR1100 unit catching fire. This happened when a pump tube failed and chemical leaked through the holes in the pump housing and caused a short in the pump motor.

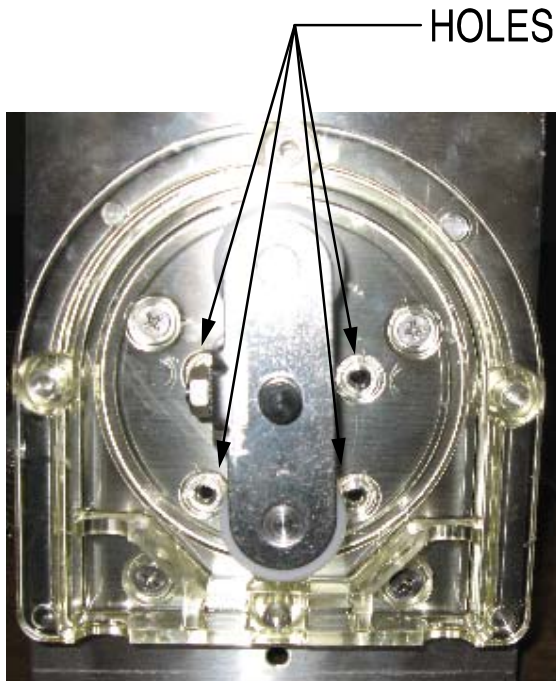


Figure 1. Front of PR1100 Unit, Showing 4 Holes.

#### SOLUTION

1. The best solution is to order a replacement front plate that has the holes properly placed so they don't allow chemical to pass through. **The item number for this replacement plate is 1209690.**
2. Another solution is to plug the holes with Silicone if appropriate for your dosing application. This will prevent chemical from leaking into the pump box if the tubing tears. However, you will need to be extremely careful not to get any Silicone inside the motor/gearbox as this will cause other problems.



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