

U-Phos® HiFlo Maintenance Schedule

Component	Normal Operating Range	Set Point for Operation	Clean /Inspect Schedule	Notes
CO ₂ Pressure (home/operations screen)	50-100 BAR	N/A	Observe every operation	Pressure may change during operation, only have to worry if an error screen pops up
PH ₃ Cylinder Pressure (Dispensing Screen)	Dependent on temperature	N/A	Observe every operation	Cooler temps will cause switch from Cylinder A to B as cylinder empties
Venturi Temperature (Dispensing Screen)	Less than 80 degrees C	80 C safety cut-off	Observe every operation	Factory set to shut down if hits 80 degrees C
Dispensing Rate G per minute	Up to 100 grams/minute	Factory set for 100 g/min	Observe every operation	Slows when cylinder starts to empty and/or if filter in need of cleaning
Air intake filter	N/A	N/A	Inspect every use for large debris on outside	Clean if needed (blow off with low pressure air)
Scales	N/A	Factory Set	Zero empty scales on Home Screen every operation	Zero empty scales by holding "Zero" button for at least 3 seconds. (Contact Degesch if an issue occurs)
PH ₃ Filter	N/A	N/A	Every 20 hours of operation (5 cylinders)	Clean filter overnight with 3% hydrogen peroxide or replace.
Thermal Fuse	N/A	N/A	Check every 20 hours of operation	Inspect and clean with soap and water if needed. If excessive amount of build up or damage is found, replace with new thermal fuse.
PH ₃ & CO ₂ Check Valves	N/A	N/A	Every 50 hours of operation	See instructions on how to clean & verify properly working.
Fan Intake/PH ₃ Exhaust Hose Clips (4)	N/A	N/A	Every 50 hours of operation	Tighten as needed, 2 hose clips on Fan Intake and 2 house clips on Exhaust
CO ₂ Regulator (inside control box)	5-6 BAR	Factory Set, should not change	Every 6 months (should not change)	Left gauge is Operating pressure KPA (600 is 6 BAR) right is cylinder pressure. Adjust if out of range
GasApp HiFlo Scales	N/A	N/A	Check calibration every 6 months	Calibrate if more than 1 kg off, (contact Degesch for detailed instruction as needed)
Application line 2.5 inch hose clamps	N/A	N/A	Check for tightness every 6 months	Tighten as needed