

# GilAir PLUS

## Extended Air Sampling Performance

**Gilian**

The ultimate air sampling pump delivering enhanced performance, greater versatility, and superior design and comfort.

Small lightweight pump with excellent performance

Long run times without additional size and weight

Projected remaining time displayed during the sample

Twelve hour sample times readily achievable

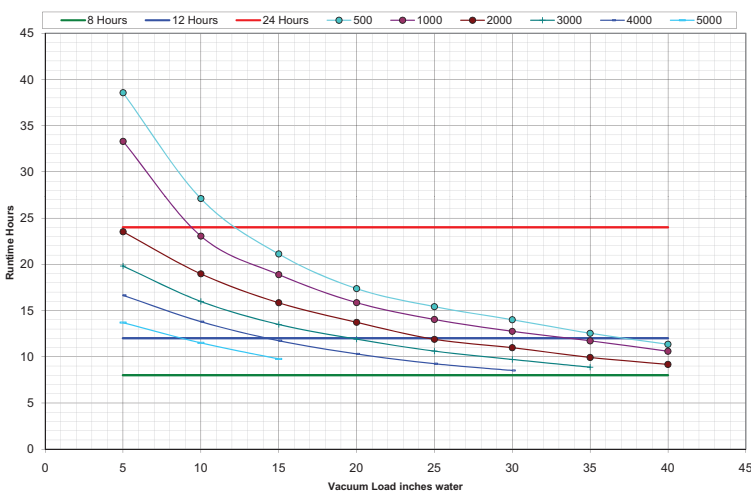
Sample times greater than 24 hours achievable



The GilAir Plus pumps incorporate a powerful NiMH battery that can run extended sample times without the addition of an external secondary battery or a heavy duty battery. The NiMH chemistry is environmentally friendly, and it does not have the shipping limitations and disposal limitations of lithium based batteries. Further, the GilAir Plus displays a projected remaining time (PRT) that provides the user with an estimate of the battery time remaining based on the sample load and subsequent power draw.

The graphs below indicate the sample run times achievable at various conditions of flow rate and back pressure. Figure 1 represents the pump's high flow mode (450 to 5000 cc/min.) and Figure 2 represents the pump's low flow mode (20 to 449 cc/min). Sample times greater than 12 hours are possible for many sampling applications, and sample times exceeding 24 hours are possible under certain conditions.

GilAir PLUS  
High Flow Runtime v Vacuum Load @ Flow Setpoint



GilAir PLUS  
Low Flow Runtime v Vacuum Load @ Flow setpoint

