The Welker Guardian Flow Conditioner is designed to protect analytical instruments from liquids. Welker has taken two of its products and combined them into one great product. The “Guardian” is quick and easy to install. The “Guardian” is equipped with a shut-off ball that floats on the free liquid and moves up to shut off the flow of liquid slugs that would flood the analyzer. This new product design is to help protect analyzers from damage and contamination by removing liquids and particulates while sampling.

Two great Welker Products combined into one...

Manufactured under U.S. Patent: #5,579,803
Specifications*

**Application**
The Welker Guardian can be used with all products that are compatible with the materials of construction and seal material. The purpose of the “Guardian” is to prevent liquid from getting into analytical instruments.

**Pressure Rating**
1000 psi w.p.

**Temperature Rating**
200° (High temperature model available)

**Inlet Filter**
Replacement membrane

**Materials**
316 stainless steel construction

**Connections**
Outlet: 1/8”  Inlet: 1/4”

**Weight**
2.2 lbs.

**Dimensions**
Diameter: 2 1/4”  Height: 4 1/2’

**Features**
- The Welker Guardian can be used on chromatographs, calorimeters, moisture analyzers and stack sampling systems.
- Prevents liquid from getting into analytical instruments.
- 316 stainless steel construction.
- The “Guardian” is the best of two Welker Products combined to create one great flow conditioner.

**Other Welker Products**
- Analyzer Liquid Shut-Off
- Fluid Sentinel Sample Conditioning System
- Therm Pak Heated Pipeline Enclosure
- Constant Pressure Sample Cylinders
- Instrument Regulators
- “Cocoon” Heat Blanket

Specifications subject to change without notice. Drawings/Photos may be shown with optional equipment.