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Астрахань (8512)99-46-04
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Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

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Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
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Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
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Казахстан (772)734-952-31

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FLOOD CONTROL

Analyzer getting sluggish by liquids? Put an end to costly damage and operational shutdowns—install a **Welker ALS Analyzer Liquid Shutoff** upstream of your gas chromatograph. Gas flows freely through the **ALS** for online sampling but shuts off flow to your analytical device in the presence of liquids.

IOMALS-1, ALS-1 HP: IOM-077

IOMALS-2: IOM-198

Data SheetALS-1/ALS-2 Data Sheet

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CHASE DOLLARS WITH PENNIES

COST-EFFECTIVE PROTECTION

Gas chromatographs are highly sensitive pieces of equipment. Liquids in gas samples can contaminate and damage analyzer columns, resulting in expensive repairs and interrupting normal operations. Compared to these costs, the purchase of an **ALS** is literally a small price to pay.

ROOM WITH A VIEW

VISIBLE CHECK VALVE

A transparent housing gives you a window into the ball check valve operation. The floating ball indicates gas flow status through the **ALS**. Rising liquids push the ball up in the flotation chamber, and flow to the analyzer stops when the ball forms a leak-tight seal.



TOUGH AS NAILS

CORROSION RESISTANT MATERIAL

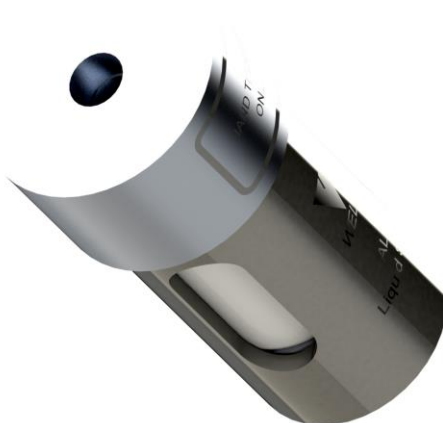
Natural gas is a variable mixture potentially containing nonhydrocarbons, such as hydrogen sulfide or water. For long-lasting protection you can trust, Welker manufactures the **ALS** using materials that stay strong in the presence of corrosive elements.

BACK TO BASICS

STRAIGHT FORWARD MAINTENANCE

Flow to your analyzer shut off? Backflushing the ALS with dry nitrogen or helium pushes liquids back to the pipeline so you can resume normal operation.

Time for routine maintenance? Get your online sampling back up and running quickly thanks to an uncomplicated design requiring only basic hand tools.



SPECIFICATIONS

ALS-1 & ALS-2 ANALYZER LIQUID SHUTOFF

ALS-1

Materials of Construction	316/316L Stainless Steel, Glass, LEXAN™, Teflon®, Viton®
Inlet Connection	1/8" FNPT
Outlet Connection	1/8" FNPT
Operating Pressure	Standard: 1000 psig @ -20 °F to 120 °F High Pressure: 1440 psig @ -20 °F to 100 °F

ALS-1

Product Certification

NACE Compliance

ALS-2

Materials of Construction

Anodized Aluminum, Glass, LEXAN™, Teflon®, Viton®

Inlet Connection

1/8" FNPT

Outlet Connection

1/8" FNPT

Operating Pressure

600 psig @ -20 °F to 100 °F

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