

PHAZER

ANALYTICAL SOLUTIONS AND PRODUCTS

THE CHALLENGE

Your LNG measurement is only as accurate as your provided sample...

LNG probe-vaporizer for any application starting at 0.5 barg

The **PHAZER** conforms to ISO 8943:2007 and surpasses NEN-EN 12838:2000

Simple installation
Compact device
No moving parts
Sub-cooling
Flash vaporization
Homogenized sample



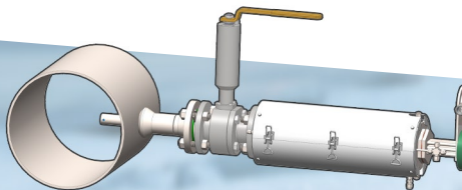
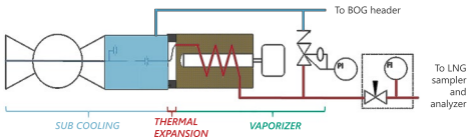
THE SOLUTION

The **PHAZER** is the only probe-vaporizer that provides verifiably accurate and representative LNG samples

Phazer | www.asap.nl



PHAZER LNG PROBE-VAPORIZER DESIGN



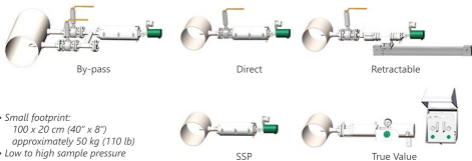
GUARANTEED RESULTS
Other LNG vaporizers

PHAZER
ANALYTICAL SOLUTIONS AND PRODUCTS



GC reading of hydrocarbon with traditional vaporizers versus the ASaP Phazer. An example of various field results in Europe, North America and the Middle East.

ROBUST, COMPACT, FLEXIBLE AND SIMPLE TO INSTALL



- *Small footprint:*
100 x 20 cm (40" x 8")
approximately 50 kg (110 lb)
- *Low to high sample pressure*


DESIGN CRITERIA

- *Close-coupled to process LNG transfer line*
- *Sub-cooling*
 - + 100% LNG transported to vaporizer
 - + Operating at low process pressure
- *Flash vaporization*
- *Integrated Zero Dead Volume Accumulator™*
 - + Homogenized sample
 - + Surpasses NEN-EN 12838: 2000
- *Simple installation*
- *Small foot print*
- *Low weight*
 - + Direct installation on LNG transfer line
 - + Minimize EPC, SI and installation effort
- *No moving parts*
- *Low duty cycle vaporizer*
 - + Practically maintenance free
 - + Bare minimum of spare parts required

PHAZER

ANALYTICAL SOLUTIONS AND PRODUCTS

The **PHAZER** is manufactured
by ASaP, an ISO 9001:2015
certified company in
the Netherlands



ASaP's proprietary and
unique LNG testing facility.
Our PHAZERS are tested at
process conditions.

QUALITY

We build the **PHAZER** with the highest
quality materials and comply with
industrial standards like ATEX, IECEx,
UL/CSA, DNV, BV etc.

Analytical Solutions
and Products B.V.
Tel. +31 (0)20 4924748
E-mail. info@asap.nl

Phazer | www.asap.nl

