



# daggaz

## ODORANT MEASUREMENT



KNOW HOW MUCH YOU ODORIZE

# ODORANT MEASUREMENT

STATIONARY AND MOBILE EQUIPMENTS

Daggaz Ltd. is authorized distributor in Turkey and  
Middle Asia" for Axel Semrau products

[www.daggaz.com](http://www.daggaz.com)

# ODOR ON-LINE



**Online measuring:** In gas networks of a suitable type of continuous, automatic measurement of the concentration of odorants is the safest, simplest method of maintaining an overview of odorant concentration in the network. In many cases, e.g. where the gas has already been odorized by the previous supplier or the gas is odorized centrally at only a few stations, the automatic measuring technology ensures the greatest safety by enabling remote transmission, checks on the alarm etc. The construction of the analyser as a fully automated gas monitoring system cuts the operational costs and the maintenance effort to the absolute minimum.

**Quality Control :** Alkyl sulphides, Mercaptans, H<sub>2</sub>S, COS

**All Odorants :** THT, TBM, SPOTLEAK 1009, Blends and others

**All Types of Gas:** Natural Gas, Liquefied Petroleum Gas, Biogas, Coal Gas, Gas-air Mixtures



## MOBILE USAGE AND SAMPLING SET

User-friendly software interface, Windows 32-bit application, status screen, complete data recorded in database eligible for legal proof, flexible data export and measurement methods, analog and relay outputs, digital inputs, remote data transmission.

**Operating Principle:** The ODOR on-line is a gas chromatograph which conforms to the following standards: ISO 6323 T2, ISO 19379, DIN 51855 Part 7 and Reference method according to DVGW Work Sheet G280.

## Specifications

Measurement area : 0.1 mg/m<sup>3</sup> to ~100mg/m<sup>3</sup> for THT and H<sub>2</sub>S, 0.01 mg/m<sup>3</sup> to ~100mg/m<sup>3</sup> for Mercaptans.

Gas Loop : 10 ml, smaller in special cases

Connections : 1/8" at 1 bar, 2 bars and open atmosphere for calibration gas and measuring gas, carrier gas, extracted air relatively.

Carrier Gas : Air or Nitrogen (1 l/h to 30 l/h)

Electronics : x1 to x10.000 tunable signal amplifier, 19bit 1Hz to 10 Hz variable A/D converter, +/-0.03% for 1/10 FS Linearity, +/-50ppm FS/K Drift, five 30V switching voltage and 5A switching current relay outputs, three 0-20mA, 4-20ma, galvanically decoupled analog interfaces.

Others : W56cm x D36cm x H36cm, 14 kg, 12V DC, 110/120 VAC, 230/240 VAC, IP51, CE, VDE, ISO 19739, DIN 51 855-7-GC

## WHO WE ARE?

### COMPANY INTRODUCTION

Daggaz NG-LPG Odorizing located in Arslanbey OSB, is displaying activities in Natural Gas, LNG, LPG, CNG and Petroluem Sectors. Our company is supplying products as a manufacturer or exclusive distributor of Turkey and Middle Asia. The product portfolio of our company is consist of gas odorants (As Turkey and Middle Asia Distributor of Arkema Gas Odorants), gas odorizers ( as a manufacturer of Daggaz Odorizing Systems) and gas odorant measurement systems (as Turkey and Middle Asia Distributor of Axel Semrau). Our customer portfolio is consist of; city gas distribution companies, LPG-LNG Distribution Companies and refineries.

### OUR MISSION IS

Providing the technical support in Turkey, in Euroasia and as well as the rest world by covering the customer expectations on the right time on the right place with convenient price.

We follow the requirements of ISO 9001 quality management system for gas odorization to pursue our mission.

All our well trained professional team member is also certified for working in potentially explosive environments.

## ISO & ATEX CERTIFICATIONS

**D**aggaz, in addition to odorant measurement equipments, is also a distributor for gas odorization chemicals and a manufacturer of NG-LPG odorizers. This multi functionality improves Daggaz team's qualifications and service capabilities. Daggaz also distributes odor neutralization products and provides relevant services for odor neutraliztion. This additional capability lets us provide a rare service scope and quality in gas odorization field. Located at the gates of Middle East and Central Asia and near the great city of Istanbul Daggaz is the most logical partner to work with for gas odorant products and get services from.

## STAY CONNECTED WITH US

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