

Export Initiative Energy Budapest, Hungary

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Sigrid Eheim (Managing Director)

Dipl.-Ing. (FH) Reinhard Köppe (Technical adviser)

Measurement technology for flue gas-/process gas analysis

Messtechnik EHEIM GmbH

Foundation of the company in 1996

10...20 Employees

400,000-500,000€ sales/year

Analysers for flue gas and process gas (on site)

Qualified specialists with over 20 years of experience

Development, production, sales, service

Schwaigern (BW)

Messtechnik EHEIM GmbH

Characteristics

**long life of measurement technology
(20 years and more)**

customer specific adaptation

**thermo-stable measuring technology due to internal
heating**

compensation of cross-sensitivities

automatic protection for sensors (CO, H₂S)

up to 7 gas sensors can be used at the same time

Target market Hungary

Projects/goals:

Energetic preparation of flue gas

Saving of resources such as oil/gas/solid fuels

Development of sales and trade partnerships

Acquisition of new customers

Potential partners:

Heating engineers

Producing industry for firing technology and energy plants

Energy producing companies

Messtechnik EHEIM GmbH

Flue gas analysis

Process gas analysis

1996



firings
CHP

special applications

fermenters

rotting

biotechnology

landfill

treatment plant

wood gasifiers

2002



2006



2019

VISIT 01 L/LR

The portable
flue gas analyser
for:

Service of
gas firing systems
oil firing
biomass furnace



VISIT 05 k

The portable
flue gas analyser
for:

Service of
gas firing systems
oil firing
biomass furnace



VISIT 02 S

The portable
flue gas analyser
for:

research / development
putting into operation
optimisation
of industrial furnaces



VISIT 07

The compact
multifunction device
for the measurement
of:

pressure
temperature
flow
gas concentration
leak



VISIT 08/09

VISIT 08

Pressure measuring unit

Measuring ranges:

+/- 10 hPa 0,1 Pa resolution
+/- 100 hPa 1 Pa resolution
+/- 1 bar 0,1 mbar resolution
+/- 3,5 bar 1 mbar resolution



VISIT 09

Gas explorer

For locating leaks in pipes for
flammable gases

0 – 10.000 ppm for natural gases (E,
LL) and biogases



More measuring systems

- Stationary measurement technology for industrial plants



- Mobile and stationary measurement technology for biogas, waste gas and landfill plants in the field of service and development
- Measurement technology for wood gassing systems in the area of service and development

Reference projects

Opening up for new markets through trade fair presentations, internet etc. in countries like

- China
- Thailand
- Greece
- Turkey
- Poland
- Italy
- France
- Netherlands
- Etc.

Reference projects

Equipment of the factory customer service of companies like e.g.

- Viessmann (Germany, Austria)
- Fröling (Austria, France, Germany, Italy)
- Windhager (Austria, Germany)
- ETA (Austria)
- other manufacturers of heating systems

Reference projects

- Stationary biogas measurement in Thailand and China
- Lectures at universities and colleges in Europe and Asia
- Mobile measurement technology for service and customer service all over Europe

Thank you very much for your attention



Messtechnik EHEIM GmbH

Abgasanalyse - Messsysteme
Hauffstraße 23
D-74193 Schwaigern

Phone: (+49) 7138 - 92 05 10

Fax: (+49) 7138 - 92 05 12

info@messtechnik-eheim.de
www.messtechnik-eheim.de