

# EGS-Method (EP 1790965)

Sampling Integrated Extraction according to IEC 60475 / 60567



EGS filling  
Rotary oil flow



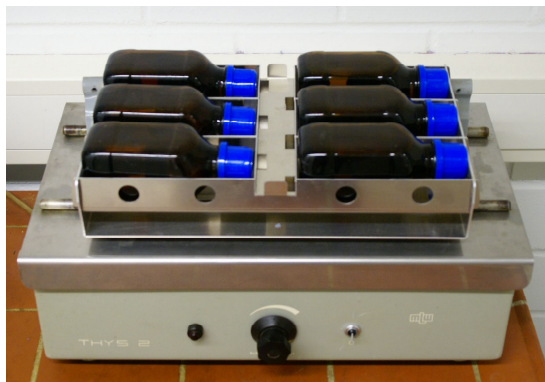
EGS sealing  
Exact air volume



Check of sealing ring  
Laboratory registration

⇒ **Stop:**  
**No opening for  
oil dosing in  
gas extraction  
unit !**

⇒ **Go !**



Gas extraction helper  
Defined equilibrium



Measuring of gas pressure  
Before direct dosing in  
the gas chromatograph

# Advantages of Evaluation of EGS Results:



Accuracy / Correctness **N<sub>2</sub>IS based !**®

(hermetical conditions)

simultaneous supposition for:

- high temporal resolution (actuality)
- determination of openness (correction with TON)

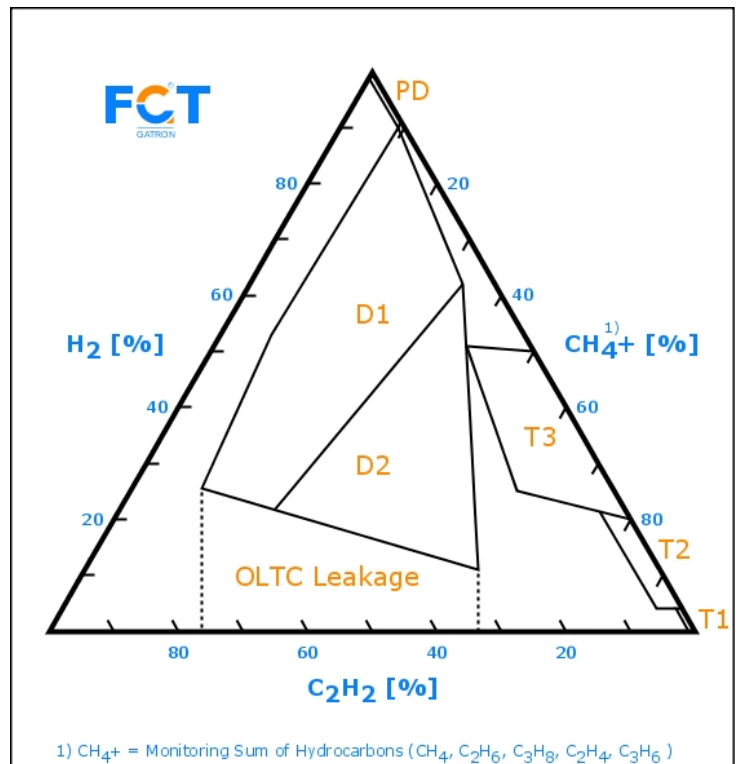
## Autosampler / GC Coupling

### Fault Diagnostics

Current original fault gas  
**G**as **E**mission **R**ate (GER)

### Aging Diagnostics

Current oxygen decrease  
**O**xygen **C**onsumption **R**ate (OCR)



**Fault Gas Triangle according to IEC 60599**