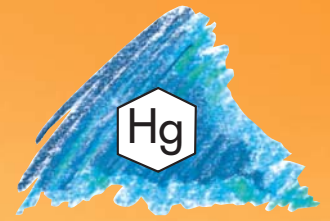


Distillation Analyzer Model 30.25



...the result of more than 50-years experience in developing distillation analyzers!



Main Features:

- **Double function:**
 - stand-alone unit or
 - master unit for upto 15 distillation analyzers model 30.18
- Distillation Analysis acc. to the following standards: ASTM D 86, ASTM D 285, ASTM D 850, ASTM D 1078, DIN 51751, ISO 3405, IP 123
- **ACS-System** for automatic temperature calibration effected automatically **before each** distillation run without need of any external calibration equipment and for precise volume-measuring detection.
- Built in industrial PC with connections for keyboard, track ball and printer.
- TFT-LCD-display with touch-screen
- Comfortable WINDOWS software
- Highest internal resolution:
Distillation Temperature: $\pm 0,01^{\circ}\text{C}$
Volume Detection: $\pm 0,01\text{ ml}$
- Distillation range: $0 - 420^{\circ}\text{C}$
- Ready for distillation group 0
- Powerful CFC-free cooling system
- Integrated barometric compensation of distillation temperatures
- Automatic pre-heating optimization
- Integrated automatic fire-extinguishing-system with additional manual operation feature
- Optional automatic drypoint-detection with separate thermocouple sensor

Technical Specification

(identical for model 30.18 PC – except the built in industrial PC and the display)

Double function: – stand-alone unit or
– master unit for upto 15 distillation analyzers model 30.18

ACS-System for automatic temperature and volume calibration

Stepper motor for level follower system

Built in industrial PC with connections for keyboard, track ball and printer.

Display: – TFT-LCD-display with touch-screen

Comfortable WINDOWS software

Highest internal resolution: Distillation Temperature: $\pm 0,01^{\circ}\text{C}$
Volume Detection: $\pm 0,01\text{ ml}$

Integrated barometric compensation of distillation temperatures

Integrated automatic fire-extinguishing-system with additional manual operation feature

Automatic pre-heating optimization

Optional automatic drypoint-detection with separate thermocouple sensor

Low inertia 24 VAC heater element with extremely low mass

Automatic function and failure diagnostic

Automatic calculation of evaporated loss volume

Closed loop condenser temperature system for: $0 - 60^{\circ}\text{C}$

Dedicated microprocessor-control

Easy access to modify stored programs

Easy programing, simple operation

Power supply Standard: 230 VAC 50/60 Hz
on request: 115 VAC 50/60 Hz
125 VAC 50/60 Hz

Slim-line-housing: W: 550 mm D: 580 mm H: 700 mm WT: 93 kg

Standard accessories for immediate operation

Examples of different distillations:

ASTM D86 group 0, 1, 2, 3: Distillation of hydrocarbon up to 300°C FBP,
e.g. all type of petrol, aviation, turbine fuel etc.

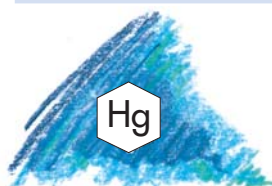
ASTM D86 group 4: Distillation of diesel fuel, gasoil, furnace oil, heavy product etc,
up to 420°C FBP

ASTM D1078 group solvents (visual – manual dry point-detection)

ASTM D1078 group solvents (automatic dry point detection)

ASTM D1078 group 7 and 8 (modified dry point detection)

ASTM D285 (modified), group 6: Distillation of crude oil continuously between
 20°C and 420°C FBP



**Just talk with us concerning our several other product lines.
Please ask for more leaflets or solutions regarding your
technical problems!**

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