

The advantages of the VKP 41plus / VKP 41plus Ex

- Normal and quick check
- Database suitable for over 20,000 test objects
- Automatic calculation of CO₂-emissions
- Extensive data import and export feature
- Large choice of adaptable report forms

TRAPtest VKP user software

- Works with MS Windows® 10
- Compatible with VKP 40 and VKP 40plus
- New software architecture with advanced analysis options
- Improved operating concept

Data collector

- Very bright, capacitive 4" multi-touch colour display for reliable operation even with wet fingers or gloves
- Automatic language adaptation for over 20 languages
- Can store up to 2,500 test objects
- Camera feature
- Protection IP 68
- VKP 41plus Ex for potentially explosive atmospheres



Further information on GESTRA measuring equipment is available for download free of charge at: www.gestra.com

Objective steam trap testing made easy

With the VKP 41plus / VKP 41plus Ex



Optimise your systems with the VKP 41plus / VKP 41plus Ex

Ensure system availability

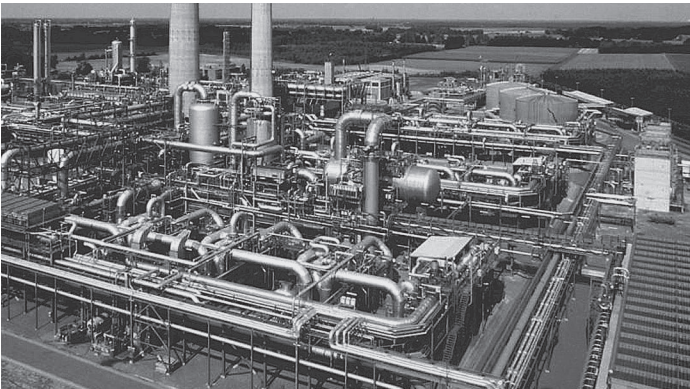
Steam traps are a part of the overall production system. If one or more steam traps fails, this reduces a production plant's availability, and individual subsystems may even grind to a halt. Regular testing of steam traps with the VKP 41plus or VKP 41plus Ex enables you to ensure optimum availability for your production system.

Maintain product quality

For perfect end products, functioning steam traps are indispensable. In complex processes, blocked steam traps lead to the immediate production of rejects. Regular testing of steam traps with the VKP 41plus or VKP 41plus Ex ensures product quality you can count on.

Cut costs

When steam is used in production, costs are incurred for fuel, water and treating the water. Today, keeping an eye on CO₂ emissions from furnaces is increasingly important, and the costs of this can currently only be guessed at. However, if a steam trap is not working correctly and the generated steam escapes unused into the open air, normal operating costs shoot up.



VKP 41plus (Ex):
Data collector, measuring
transducer and Com box



In tests with the VKP 41plus or VKP 41plus Ex, steam traps that no longer close correctly and waste money are detected.

Exploit potential savings

The example shows how the cost of faulty steam traps that lose steam can add up over the course of a year:

Cost of steam generation: 30 euros per ton; operating hours: 8000 hours p.a.; loss of steam per steam trap: 3 kg/hour

Faulty steam traps	Loss per annum	Yearly CO ₂ emissions
1	720 EUR	3,840 kg
10	7,200 EUR	38,400 kg
20	14,400 EUR	76,800 kg
50	36,000 EUR	192,000 kg
200	144,000 EUR	768,000 kg

This overview does not take account of any further consequences of faulty steam traps, such as premature wear of pipes, influence of faulty steam traps on functioning ones, etc.



VKP 41plus (Ex)

Test result of an intact steam trap without loss of steam

