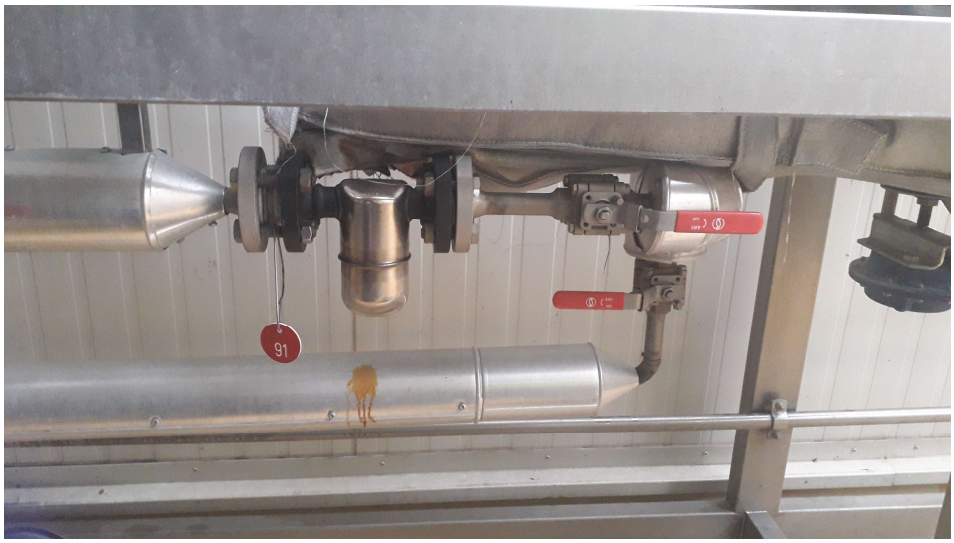


SYNERGYS TECHNOLOGIES

LEAKSHOOTER® NEWS
N°14- 10/2020

STEAM TRAP INSPECTION

ULTRASOUND & THERMAL MEASUREMENTS

ENERGY SAVINGS ISO 50001

SYNERGYS TECHNOLOGIES

TECHNOTE 14

*Example of a **Cycling "OK"** inverted bucket steam trap detected with the STRAP**SHOOTER+®** program:*

***The ultrasonic leak detection camera** LEAK**SHOOTER®** LKS1000-v3+**PRO** is able to analyze STEAM TRAP like the thermodynamic, thermostatic, ball float models.*

***With its special dedicated firmware** STRAP**SHOOTER+®**, you will be able to analyze your trap to know its condition. Is it OK (cycling or modulating), OPEN (leaking) or CLOSED (water hammer) or else? That is the question!*

***STRAP**SHOOTER+® checks 2 measurements: the ultrasound (created by internal steam/condensate movements) and the temperatures (input/output trap pipes). Its unique algorithm analyses data to establish the trap condition.*

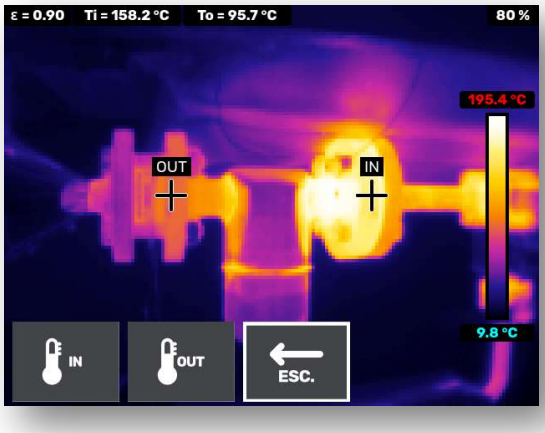
***With** LEAK**SHOOTER®** LKS1000-v3+**PRO**, you can see and hear (via headphone or speaker) ultrasound in REAL TIME or in AUTO MODE and you can see the thermal picture (embedded 160X120 pixels thermal camera) of your trap.*

Make your STEAM TRAP more effective by doing preventive maintenance on it and in the same time, energy savings.

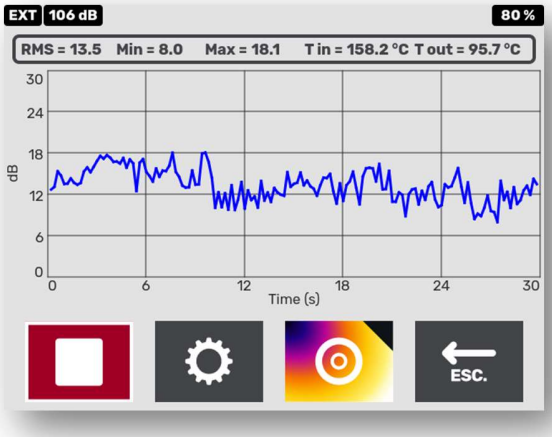
Of course, you can also store all your measurements data in the memory to download to PC to create reports.


91
In
Out
(C)
Cycling

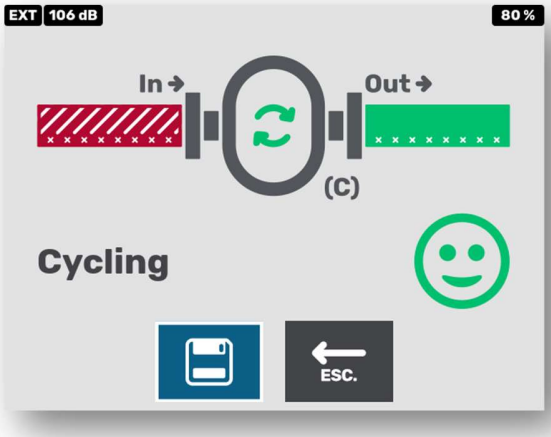
a)



b)



c)



d)

This inverted bucket steam trap (a) is working in a good condition as we can see through the ultrasound curve (c). In fact, we can see and hear the cycling activity and the normal inlet and outlet pipes temperatures measured with the embedded infrared camera (b) (8 BAR pressure steam). Conclusion done by the LEAKSHOOTER® LKS1000-V3+PRO is "OK" – CYCLING (d).

EASY TO USE – EFFICIENCE – VERSATILE – WITH TRACEABILITY

LEAKSHOOTER

LEAK DETECTION CAMERA