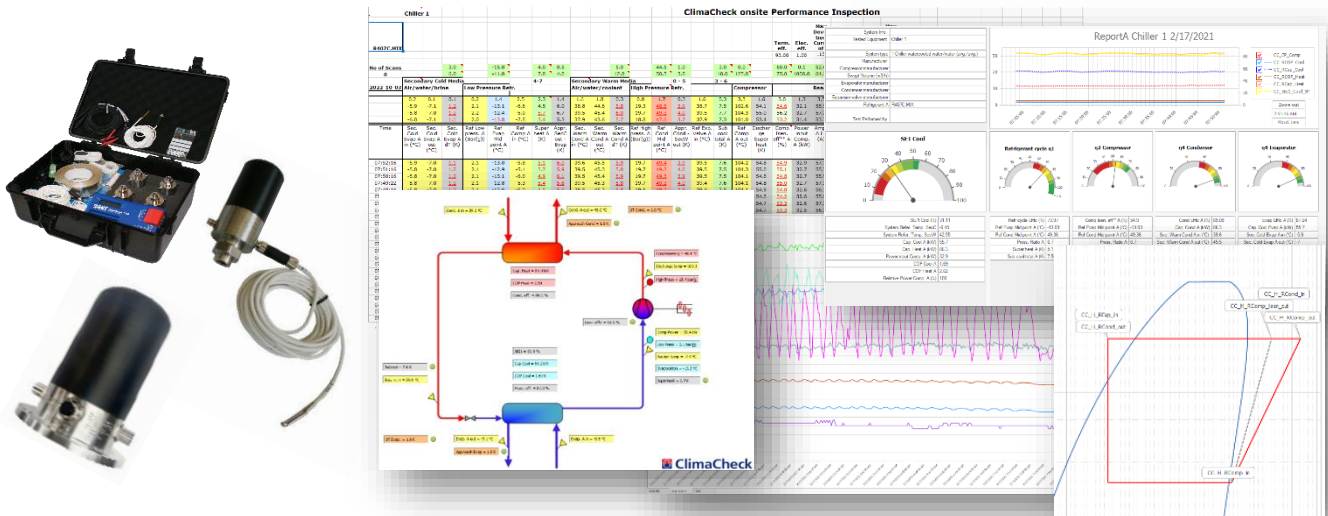


ClimaCheck *lite* – Bluetooth performance analyser

Deliver documented and verified performance to your customers. Energy Efficiency and reliability is the new focus in Air Conditioning, Refrigeration and Heat Pump plants. Make sure you are not left behind!

ClimaCheck is the world leader in performance analysing. We supply solutions for portable and permanently installed performance analysing used for inspections, energy audits, predictive maintenance, troubleshooting, and cloud based 24/7 monitoring. ClimaCheck early warning and AFDD capability ensures energy efficiency and is unique on the market.



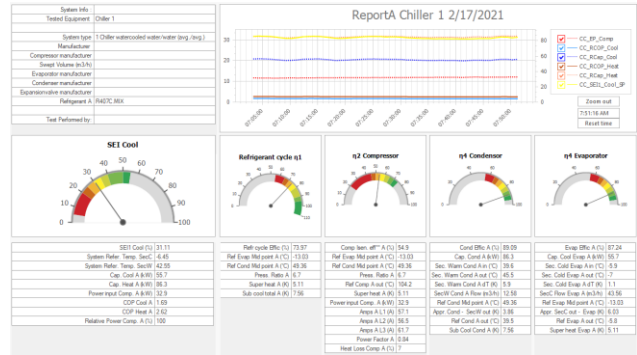
ClimaCheck *lite* is an easy to use and cost-effective Bluetooth solution for troubleshooting and performance verification of Air Conditioning, Refrigeration and Heat Pumps based on a standard refrigeration process. High quality Pt1000 Class A sensors are used, for accuracy and long-term stability. To get correct results sensors are mounted with paste/tape and insulation. Two sensors with one pressure and one temperature and two three temperature sensors and complete mounting kit are included in start kit with software. Power meters can be added.

ClimaCheck lite delivers a service documentation that is superior to all conventional protocol with performance on component level.

Tens of thousands of field measurements and thousands of online measurements with ClimaCheck prove that high rating does not ensure efficient operation in a plant.

20-30% of the energy can be saved in most plants through re-commissioning based on ClimaCheck analysis and most failures can be avoided if faults are identified before they cause damage. As 20% of global electricity is used by refrigeration processes – this is a huge saving potential – getting more in focus by authorities, utilities and users every day.



State of the art technology make the ClimaCheck *lite* a perfect tool to analyse small and medium sized systems. **ClimaCheck *lite*** can be updated to **ClimaCheck *onsite*** software with capabilities to analyse complex systems. Updates, configuration and support can be done over internet to give flexibility and facilitates remote support. ClimaCheck offers online and in person trainings in performance analysing. Our distributors offer training in several languages.



Technical Specification ClimaCheck *lite* – Performance analyser

ClimaCheck *lite* uses Bluetooth sensors and ClimaCheck *lite* software based on the well proven ClimaCheck *onsite* software. ClimaCheck *lite* can be upgraded to *onsite* for more complex systems.

Pressure range	0...10, 0...35, 0..50 Bar(g)	Overload pressure	1.5X
Pressure accuracy	1% FS	Pressure port	¼" flare = 7/16"-20 UNF with Schrader depressor
Temperature sensor	Pt1000 DIN class A	Temperature range	-50...150 °C
Temperature accuracy	± 1 °C/FS (better with offset calibration)		
Power supply	3.6 VDC non recharge. battery (incl.), or 8 to 30 VDC ext. supply (not incl.)	Battery life	More than 12 months
Transmission mode	Bluetooth 4.2	Protection rate	IP65
Operating temperature	-40 to 85 °C	Sensor compensation	-10 to 80 °C

100 240		<p>ClimaCheck <i>lite</i> 2+2 in robust carry case. Including ClimaCheck <i>lite</i> software, and the following sensors: 1 x pressure 0-10 Bar(g) + 1 x Pt1000 class A Bluetooth sensors 1 x pressure 0-35 Bar(g) + 1 x Pt1000 class A Bluetooth sensors 2 x 3 x Pt1000 Class A Bluetooth sensors mounting kit: Heat transfer paste, Al tape, insulation.</p>
100 241		<p>ClimaCheck <i>lite</i> 2+2+EP150 in robust carry case. Including ClimaCheck <i>lite</i> software, and the following sensors: 1 x pressure 0-10 Bar(g) + 1 x Pt1000 class A Bluetooth sensors 1 x pressure 0-35 Bar(g) + 1 x Pt1000 class A Bluetooth sensors 2 x 3 x Pt1000 Class A Bluetooth sensors mounting kit: Heat transfer paste, Al tape, insulation. 1 3-phase power meter with 3 Mini clamps 0.5–150 A (diameter 25 mm/1") Magnetic probes for voltage measurements</p>

Example of common accessories (request complete list):	Part No.
EP Scout	100 461
Mini clamp, current transformer 0.5 - 150 A	400 610
Rogowski coils, current transformer 5 - 4000A	400 710
Magnet touch voltage probes, colour coded according to local market (specify colours)	400 26X
Temperature sensor Pt1000, Class A, 3 m with contact	300 101