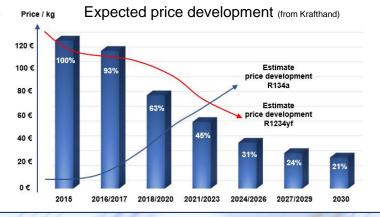
# Gas analiser / identifier

# Market trend and risk of contamination

- EC Regulation 517/2014: Reduction of refrigerants with high Global Warming Potential (GWP)
- R134a: GWP 1430
- HFO1234yf: GWP 4 (350x lower)
- Since 2017 January 1<sup>st</sup>, a gas with GWP<150 is mandatory for new cars
- · Risk of refrigerant contamination due to:
  - High price differences
  - Defective A/C systems
  - o Incorrect behaviors of workshops
  - o "parallel" import



#### Ensure necessary **purity** or analyze the **components** of the refrigerant:

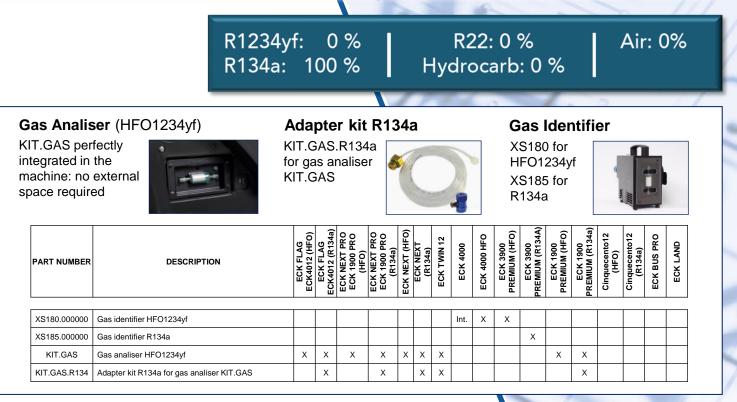
- Avoid repair costs of A/C systems
- Organize regulated disposal of contaminated refrigerants
- Avoid costs of decontamination of the A/C station
- Avoid possible legal actions

### Ecotechnics' solution: Gas Identifier / Gas Analiser

Most Ecotechnics A/C stations present the option of upgrading with a Gas Analyser or a Gas Identifier to protect the machine against contaminated refrigerants in order to offer safety and environmental protection, besides avoiding unexpected costs resulting from repair service of the contaminated machine. The hardware connection offers the benefit of an "external" unit: no contamination of the A/C station possible.

The Gas Identifier ensures adequate purity of the refrigerant with a "pass-fail" test.

The Gas Analyser detects the composition of the refrigerant, and the result provides information about their percentages.



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