Refrigerant analysis devices

Impure and/or combustible refrigerants can result in a number of hazards:

- Damage or soiling of air conditioning components and service units.
- Soiling of refrigerant bottles by so-called "drop ins" for example (refrigerant mixtures) with the related disposal problems.
- Increased risk of fire.

Impurities (refrigerant mixtures, air) can be detrimental to the performance of the air conditioning system.
A so-called "gas analysis" is recommended before evacuating any air conditioning system. For this, a sample of refrigerant is extracted from the low-pressure side of the air conditioning system. In less than one minute information is provided about the composition of the refrigerant. Hella's refrigerant analysis device (8PE 351 223-021) can be used to determine and specify the degree of purity of the refrigerants R134a, R12 and R22. In addition, the hydrocarbon content can be determined. The device has a printer port for recording the results. Refer to the *Behr-Hella-Service* air conditioning catalogue for further information.