TOOLS COMMONLY USED BY REFRIGERATION AND AIR-CONDITIONING TECHNICIANS
Additional tools for higher flammability, higher pressure and higher toxicity refrigerants

- Refrigerant gas detectors for hydrocarbon refrigerants (left), ammonia (centre) and carbon dioxide (right)
- Electronic manifold gauge set that can be used with flammable refrigerants, ammonia and high pressure refrigerants (up to 50 bar)
- Manifold gauge set for use with carbon dioxide (up to 160 bar)
- Refrigerant Recovery cylinder
- Refrigerant recover machines for hydrocarbons (left) and all flammable refrigerants except ammonia (right)
- Ammonia recovery pump set

Personal protective equipment should include standard items such as goggles, gloves and fire extinguisher. Depending on refrigerant, other equipment may be required such as: special respiratory protection (canister type self-contained respirators or breathing equipment), protective clothing including face-shield, gas-light goggles, gauntlet thermal insulating gloves, protective suit and hood, rubber boots, etc. A safety shower or bath and an eye fountain may also be required.