Soxtect™ 8000
The Soxtect™ 8000 extraction unit is a fully automated system for fast and safe determination of extractable matter. The standard model has six hotplate positions, extendable to 12, making it possible to handle up to seven batches (84 samples) per day. For total fat analysis, the Hydrocap filter is transferred from the hydrolysis unit to the extraction unit which then performs the four extraction steps boiling, rinsing, solvent recovery and auto shut down, fully unattended.

ST 255 Soxtect™
The semi-automated ST 255 Soxtect™ is used for fast and safe determinations of soluble material. It is ideal for laboratories with a lower throughput, offering many of the benefits and features of the fully automated Soxtect, but at a lower price. The system allows for a throughput of up to six extractions, 36 samples per day and includes batch handling tools that ensure fast and safe handling of samples and cups.

ST 243 Soxtect™
The ST 243 Soxtect™ is a six-place solvent extraction system used for fast and safe determination of soluble material in food, feed, soil, polymers, paper pulp and textiles. The system comes with an extraction and control unit as well as 26 mm/30 ml glass or cellulose thimbles.

ST 245 Soxtect™
The ST 245 Soxtect™ is a two-place solvent recovery system used for fast and safe determination of soluble material in food, feed, soil, polymers, paper pulp and textiles. The system comes with an extraction and control unit as well as glass or cellulose thimbles. 26 mm/30ml or 33 mm/65 ml thimble sizes are available.

Extraction Cups
To suit different applications Extraction Cups are available in either aluminium or glass. Aluminium cups are often preferred for quantitative, gravimetric analysis as they are unbreakable and offer rapid heat transfer, for reduced heating, cooling and drying times.

Approved methods:
The Soxtect systems are approved by the following methods:
- AOAC 2003.05 & 2003.06 Crude Fat in Feed, Cereal Grain and Forage (Diethyl Ether and Hexane extraction methods)
- AOAC 991.36 Fat (Crude) in Meat and Meat products
- EN ISO 11085:2008 Cereals, cereals-based products and animal feeding stuffs – Determination of Crude and Total Fat content by the Randall extraction method
- EN ISO 6492:1999 Animal feeding stuff – Fat analysis
- US EPA method 3541 for the extraction of PCBs and semi volatiles in soil and sludge