



SER 148

Semi-automatic Solvent Extractors

Reliable solid-liquid solvent extraction system
in 3 and 6 positions



Reliable Solution for Solvent Extraction

The SER 148 is the safe and convenient semi-automated extraction system suitable for fat extraction and sample preparation in a wide range of applications in food, feed, environmental and other industrial segments.

- Rapid analysis with maximum precision or accuracy
- Maximum reproducibility and highest flexibility
- Extraction according to Randall method, faster than traditional Soxhlet
- Accepts the majority of solvents thanks to the Vaflon seals
- High solvent recovery and low solvent consumption
- IP 55 rating for maximum safety in your lab.
- Compatible with HU6 hydrolysis unit for total fat determination
- Full range of accessories



INSTRUMENT - CODE

SER 148/3	230 V / 50-60 Hz	F30300240
SER 148/3	115 V / 50-60 Hz	F30310240
SER 148/6	230 V / 50-60 Hz	F30300242
SER 148/6	115 V / 50-60 Hz	F30310242

TECHNICAL DATA

	SER 148/3	SER 148/6
NUMBER OF SAMPLES	3 positions	6 positions
2 DISPLAYS	Working temperature / settable parameters	Working temperature / settable parameters
REPRODUCIBILITY (RSD)	≤ 1%	≤ 1%
SOLVENT RECOVERY	From 50 to 75%	From 50 to 75%
MAX VOLUME EXTRACTION CUP	150 ml	150 ml
NUMBER OF PROGRAMS	29	29
WORKING TEMPERATURE	From 100 to 260 °C	From 100 to 260 °C
COOLING WATER	2 l/min	2 l/min
SAMPLE QUANTITY	From 0,5 to 15 g (generally 2-3 g)	From 0,5 to 15 g (generally 2-3 g)
SOLVENT VOLUME	From 30 to 100 ml	From 30 to 100 ml
IMMERSION TIME	From 0 to 999 minutes	From 0 to 999 minutes
WASHING TIME	From 0 to 999 minutes	From 0 to 999 minutes
RECOVERY TIME:	From 0 to 999 minutes	From 0 to 999 minutes
CONSTRUCTION MATERIAL:	Epoxy painted stainless steel structure	Epoxy painted stainless steel structure
DIMENSIONS (WXHXD):	480x620x390 mm (18.9x24.4x15.4 in)	700x620x390 mm (27.6x24.4x15.4 in)
WEIGHT	30 Kg (66 lb)	40 Kg (88 lb)
POWER	500 W	950 W



We reserve the right to make technical alterations
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VELP Official Partner

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