

HU 6 HYDROLYSIS UNIT

The **HU 6** offers the optimum solution for the acid hydrolysis of food and feed samples prior to solvent extraction for total fat analysis.

Very often the samples to be analyzed have a high fat content and need to be prepared for fat extraction.

The HU 6 is a 6-position hydrolysis unit that combines **safety** with **performance, reducing manual handling** to the minimum.

Hydrolysis is carried out with hydrochloric acid for approximately one hour at a temperature of 170 °C. The hydrolyzed sample is then filtered in a glass crucible and washed with warm de-ionized water in order to eliminate the residues of hydrochloric acid.

The sample is now ready to be processed using the SER 148.

The HU 6 is suitable for both acid and basic hydrolysis.

INSTRUMENT	POWER SUPPLY	CODE No
HU 6	230 V / 50-60 Hz	F30300110
HU 6	115 V / 50-60 Hz	F30310110



GENERAL FEATURES AND PERFORMANCE

CONSTRUCTION MATERIAL	Epoxy painted stainless steel structure
NUMBER OF SAMPLES	6 samples
SET TEMPERATURE AND COUNTDOWN	Digital readout
DISPLAY	LCD
PROGRAM LIBRARY	20 programs
LANGUAGES	I, F, UK, E, D, T
TEMPERATURE RANGE	Ambient to 200 °C
TEMPERATURE PRECISION, STABILITY AND HOMOGENEITY	± 0.5 °C
POWER	1350 W
DIMENSIONS (WxHxD)	355x590x450 mm (14.0x23.2x17.7 in)
WEIGHT	14.5 Kg (32.0 lb)

SUPPLIED WITH

	CODE No
Celite, 1 Kg	A00000097
Glass sand, 2 Kg	A00000089
EDPM tube Ø 6.4x11.2 mm	10002412

OPERATING ACCESSORIES

	CODE No
Glassware kit 3 positions for HU 6	A00000085
Crucible holder HU 6 for SER158	A00000293
Crucible holder HU 6 for SER148	A00000309

OPTIONAL ACCESSORIES

	CODE No
Glass crucibles P1, 6 pcs/box	A00000086
Glass crucibles P3, 6 pcs/box	A00000087
Glass bottle for waste collection	A00000088
Test tubes Ø 42x300 mm, 250 ml, 3 pcs/box	A00000144
IQ/OQ Manual	A00000251