

Equipment for Chemical Laboratories

Application: Chemical analysis of paste, positive and negative plates and lead oxide

Shelton CT, USA - Aachen, Germany - Qingdao, China

Equipment for Chemical Laboratories (Soxhlet, Oven, Sieves, etc.)



Equipment For Chemical Laboratories



Technical Data	
IR-determination:	10 - 30 mg
Dissolution/resolution:	1 mg
Accuracy:	±0,01% of measuring value
Consistency (1 g):	±0,2%
Heating:	40-160°C in steps of 5°C
Display:	LCD
Criterion for turn-off:	auto fix
Manual tare:	no
RS232:	uni-directional
IR-determination:	B21555
Dimensions (WxDxH):	165 x 217 x 28 mm
Weight:	5,5 kg
Environment:	10 to 30°C, 90% r.F. max.
Power:	230V, 50Hz, 400W

Equipment For Chemical Laboratories

Muffle Type Furnace 15l

- Special features:
- To glow organica (e.g. filtration paper)
 - With automatic adjustment resp. regulation up to 1000°C

Equipment For Chemical Laboratories

Muffle Type Furnace 15l



Technical Data	
Temperature:	100 - 1000°C
Accuracy:	± 0,25 %
Thermoelectric couple/cell:	type K
Volume:	15 l
Inner dimensions:	28 x 19 x 28 cm (LxWxH)
Outer dimensions:	55 x 36 x 35 cm (LxWxH)
Power:	1.488 W
Current:	6,7 A
Voltage:	230V / 50Hz
Net weight:	39 kg
Gross weight:	47 kg

Equipment For Chemical Laboratories

Universal temperature chamber UFB400 53L to dry e.g. unformed electrodes



Technical Data	
Temperature range:	up to +220°C (ambient temp.> 5°C)
Regulation	±0,5K at 150°C
Type :	UFB400
Volume:	53 l
Inner dimensions:	40 x 33 x 40 cm (LxWxH)
Outer dimensions:	55 x 48 x 68 cm (LxWxH)
Net weight:	35 kg
Gross weight:	42 kg
Nominal power:	1400 W
Voltage:	230 V / 50 Hz
Guide rails for drawer:	4 level
Drawer included:	2

Equipment For Chemical Laboratories

Chemical Working Space Bench With Chemical Filter

- Special features:
- Complete filtering of exhausting air
 - Air-flow control
 - Height (inside) 747 mm
 - Timer to count working hours
 - Connection to take gas samples

Equipment For Chemical Laboratories

Chemical Working Space Bench Filtair 824

Technical Data	
Retention capacity (CCI):	1250 g
Air volume:	150 m ³ /h
Air velocity at front:	0,5 m/s
Air circulation:	7,8/min
Dimensions inside (WxDxH):	745 x 580 x 747 mm
Dimensions outside (WxDxH):	800 x 625 x 965 mm
Power supply:	230 V
Weight:	50 kg



Equipment For Chemical Laboratories

Double Titration System

- Special features:
- To determine iron content of acid
 - Attestation of conformity and batch identification, ring scaling, blue graduated
 - With subsidiary tap for evacuation resp. emptying and glass tap.

Technical Data	
Volume:	25 ml
Scaling:	0,05 ml
Tolerance:	$\pm 0,03$ ml

Equipment For Chemical Laboratories

Aluminium Heating Plate

Special features:

- To heat sand or water (e.g. samples of Pb sulfate)



Technical Data	
Dimensions (lxW):	30 x 30 cm
Voltage:	230V / 50Hz
Weight:	11 kg
Power:	1000 W
Heating plate:	30-110°C
Power:	1800 W
Heating plate:	50-300°C
Heating plate:	130-370°C

Equipment for Chemical Laboratories

Soxhlet Extraction System 30ml

- Special features:
- Extraction of oil constituents of separators
 - Principle: Determination of oil constituents by Soxhlet-method
 - Support by heating-balloon, with balloon 500 ml, refrigerant, ampule Soxhlet
 - To complete with extraction cartridges
 - Power supply: 230 V, 50 Hz

Equipment for Chemical Laboratories

Sieb Analyzer As 200 digit

Analysis of lead oxide

Sieb clamp device



Collecting tub

Equipment for Chemical Laboratories

Sieb Analyzer As 200 digit

Sieb 0.025 mm D200 x 50 mm
Sieb 0.032 mm D200 x 50 mm
Sieb 0.036 mm D200 x 50 mm
Sieb 0.063 mm D200 x 50 mm
Sieb 0.09 mm D200 x 50 mm
Sieb 0.125 mm D200 x 50 mm
Sieb 0.250 mm D200 x 50 mm
Sieb 0.500 mm D200 x 50 mm

