

TIMATIC EXTRACTORS

"State of the Art" Solid-liquid Extraction Technology

Mini



Micro



Duo



Maxi



MAIN FEATURES

A modern, economical and production efficient system for extracting active constituents from plants, herbs, fruits and other botanical materials.

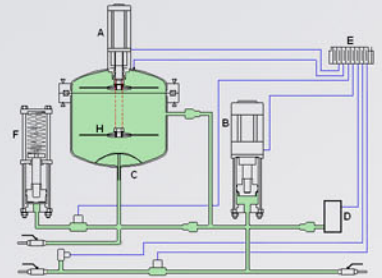
The extraction cycle alternates a Dynamic phase, obtained via a programmed pressure, with a Static phase for the transfer of the extract into the solvent.

During the primary, Dynamic phase, pressure is generated within the recirculation of the extracting liquid to ensure efficient percolation. At the same time, formation of preferential channels and over-saturation of the product are avoided.

Timatic extracts from: flowers, leaves, fruits, bark, roots, buds, seeds and stems from aromatic, culinary and medicinal herbs and other plants.

ADVANTAGES

- Fast efficient extraction gives significant cost reduction benefit
- Production of clear, pre-filtered extracts
- Full Microprocessor control of all functions
- "Real Time" Visual Display showing cycle sequence and process parameters
- Automatic alarm indication of any process anomalies
- Ease of operator use, combined with simple cleaning and maintenance procedures
- High output and system reliability
- Flexibility and high reproducibility of varied extraction processes
- Low temperature extraction when dealing with temperature sensitive materials
- Automatic programme control of extraction pressure
- Unaltered natural properties and characteristics of the active constituents
- Minimal loss of solvent during process phases
- Reduction in Raw material storage space requirements
- Reduction in labour time and costs



TIMATIC for special applications

- A Top piston
- B Active piston
- C Mechanical activator
- D Pump
- E Pneumatics valves
- F Percolation piston

APPLICATIONS

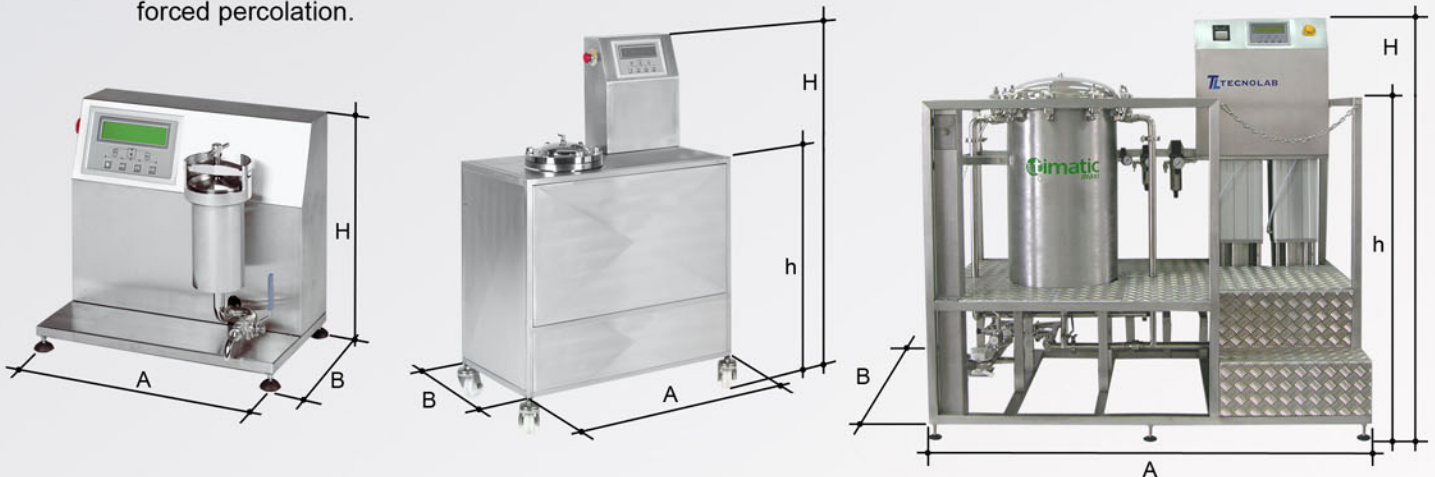
- Extraction from medicinal plants for the Pharmaceutical and Homeopathic sector
- Extraction for the Herbal and Cosmetic sectors
- Extraction from culinary herbs and plants for food companies
- Production of spirits-liquors
- Production of general plant extracts, tinctures and infusions
- Laboratory experimentation, analysis and research

TECHNICAL CHARACTERISTICS

Models	TIMATIC Micro - C			TIMATIC Mini Maxi - N - P							
	0,5	1	2	5	10	20	30	50	100	200	
Total unloaded capacity (litres)	0,80	1,20	2,40	6,00	12,00	24,00	36,00	36,00	120,00	240,00	
Dimensions (mm)	A	550	550	550	800	850	900	900	1100	1450	1850
	B	350	350	350	600	600	600	600	650	850	1100
	h	-	-	-	920	920	920	920	920	1100	1450
	H	550	550	550	1340	1340	1340	1340	1340	1850	1920

TIMATIC C continuously action.
TIMATIC N double action.
TIMATIC P double action and forced percolation.

Maximum height for model Timatic Maxi 100: cm 260
Maximum height for model Timatic Maxi 200: cm 305



The manufacturer reserves the right to make any modifications without prior notice



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