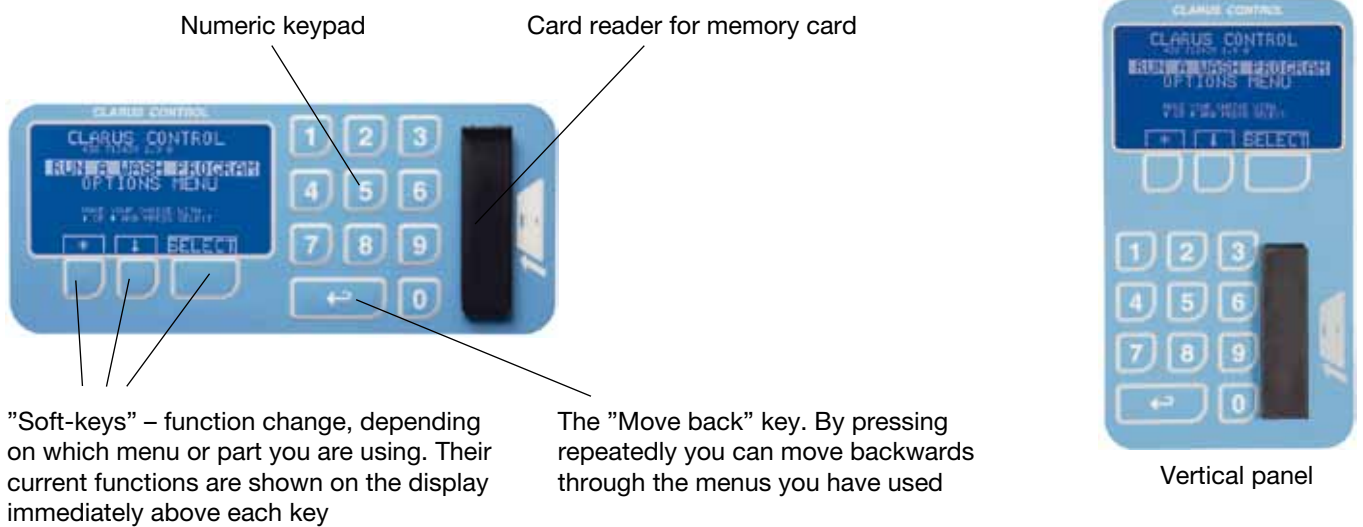


Clarus Control®

Programmable microprocessor for Washer Extractors

Features and benefits

- The Clarus Control® is a highly accurate programmable microprocessor offering precision and flexibility in the wash process
- All important parameters for a superior wash and rinse result such as water levels (practically step-less), temperatures, drum actions, extraction speeds, detergent supply, delayed start, soak function and many more can easily be programmed in the Clarus Control
- All information is given in plain language on the clear display
- New wash programs can be created either on the Clarus Control® panel or transferred via a Memory Card. The Memory Card is programmed from a PC using the WPM-software (Wash Program Manager)
- The Clarus Control® operating panel is available in two versions, a horizontal panel for the smaller machines and a vertical panel for the bigger models



USB card reader

Card reader and memory card included in the software, "Wash Program Manager" kit

STANDARD FEATURES		
User interface		
Large graphic display - easy to read	No of pixels	240 x 128
All information in plain language - no codes		•
Language free key board - numeric key pad 0-9, three "Soft keys" and "Move back" key		•
Reader for memory card insert		•
Temperature can be displayed in °C or °F		•
Operation features		
Delayed start - time saving/increase the capacity in the laundry	Max. delay hours	99
Paus - machine stops with water in the drum e.g. overnight soak		•
Rapid advance - in both directions		•
Alteration of the length of parameters during the program (wash, rinse drain etc.)		•
Manual operations of water inlet, detergent supply and extraction speed		•
Switching to a different wash program at any stage during a wash		•
Programming features		
High program storage capacity, own programming (No 1-990)	Max. program No:s	192
Factory set programs, cannot be erased but blocked for usage (No 991-999)	No of programs	9
Program library - run the program or modify to specific needs		•
Detergent signals, level or time controlled (varies depending on machine configuration)	powder	max. 5
Detergent signals, time controlled (varies depending on machine configuration)	liquid 1-250 secs	max. 13
Precise programming of water levels in steps	0-255 steps	•
Setable cool-down speed, temperature and drum action - on Polyester fabrics	°C per min.	•
Temperature can be controlled in 1°C steps up to 98°C		•
Free text editing - to identify a wash program made by yourself	150 characters	•
Memory Card		
Memory card storage capacity	Kb	8
Wash program storage capacity (depending on program size)		10-15
Transfer of programs to and from machine memory (Clarus Control)		•
Copy/erase wash programs from PC or machine		•
Locked cards: cannot be copied or erased. Secure that wash process is not altered		•
Statistics		
Wash program counter - keeps track of number of washes per program	non-resetable	•
Hour counter 1 - total number of hours since machine was installed	non-resetable	•
Hour counter 2 - total number of hours since last reset	resetable	•
Error log - error is displayed in plain language, for easier identification	5 last errors	•
Service		
Service program - facilitates error detection and control of all machine functions		•
Setable maintenance intervals. Indication in the display when its time for service actions		•
External communication connections		
Certus Management Information System (CMIS)	RS232	1
Connection to intelligent detergent system (DMIS)	RS485 Simplex	1

• = standard feature

OPTIONS		
Options for Clarus Control		
Wash Program Manager 5.0 (software, card reader, 5 Memory Cards, user manual)	988 8022-67	o
Memory Card kit, 5 empty card for own programming	988 8022-40	o
Ready made memory card for Lagoon (wet-cleaning) (W4105H-W4300H)	Open card	8 programs
Ready made memory card approved by the WoolMark company	Locked card	11 programs
Ready made memory card for Fire Brigade (W4130N-W4250N)	Open card	9 programs
Reference washing machine FOM 71CLS, wash program card ISO6330:1984	Open/locked card	10 programs
Reference washing machine FOM 71CLS, wash program card ISO6330:2000	Open/locked card	10 programs
Reference washing machine FOM 71CLS, wash program card IEC 60456 Ed 4	Open/locked card	6 programs
Certus Management Information System (CMIS) software, PC-interface, user manual		o

o = optional feature