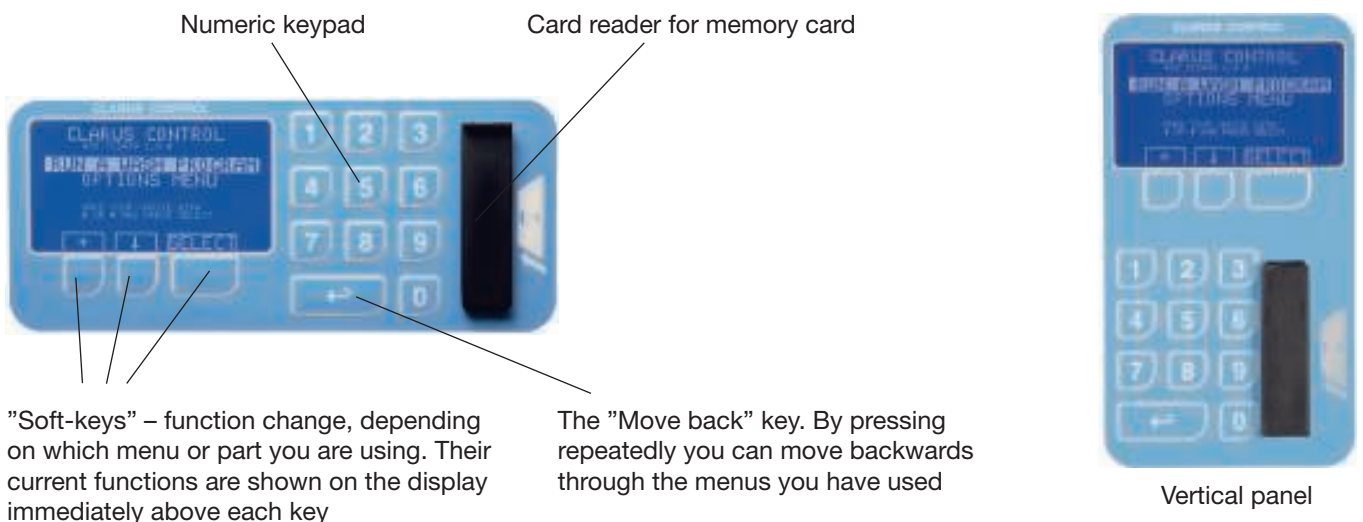


Clarus Control®

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



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



USB

STANDARD FEATURES		
User interface		
Large graphic display - easy to read 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	No of pixels	240 x 128 • • • •
Operation features		
Delayed start - time saving/increase the capacity in the laundry 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	Max. delay hours	99 • • • • •
Programming features		
High program storage capacity, own programming (No 1-990) Factory set programs, cannot be erased but blocked for usage (No 991-999) Program library - run the program or modify to specific needs Detergent signals, level or time controlled (varies depending on machine configuration) Detergent signals, time controlled (varies depending on machine configuration) Precise programming of water levels in steps Setable cool-down speed, temperature and drum action - on Polyester fabrics Temperature can be controlled in 1°C steps up to 98°C Free text editing - to identify a wash program made by yourself	Max. program No:s No of programs powder liquid 1-250 secs 0-255 steps °C per min. 150 characters	192 9 • max. 7 max. 16 • • • •
Memory Card		
Memory card storage capacity Wash program storage capacity (depending on program size) 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	Kb	8 10-15 • • •
Statistics		
Wash program counter - keeps track of number of washes per program Hour counter 1 - total number of hours since machine was installed Hour counter 2 - total number of hours since last reset Error log - error is displayed in plain language, for easier identification	non-resettable non-resettable resettable 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) Connection to intelligent detergent system (DMIS)	RS232 RS485 Simplex	1 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