

Metrolog

(**ABsté Control**)

(ABsté Control)

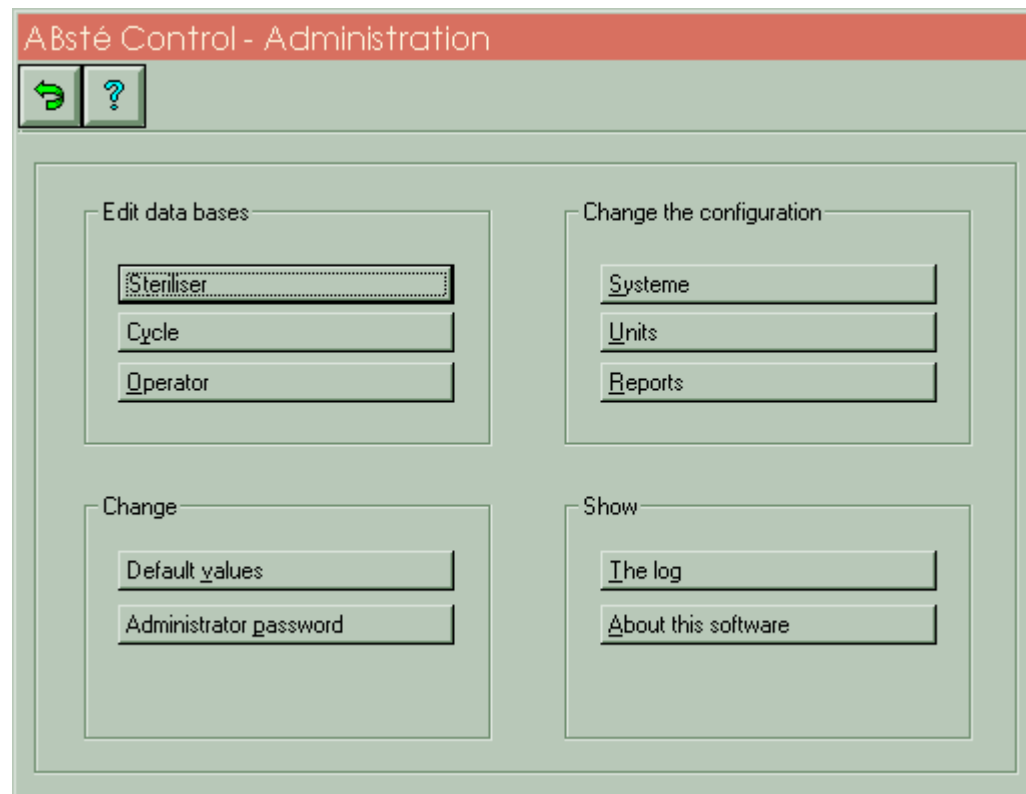
Software for routine control with Metrolog recorders

- ✓ Principle : To control each sterilization cycle according to parameters defined by the person in charge. To allow everybody (with the proper authorization) to pilot the recorders and to perform the analysis and the validations with speed, simplicity and safety.

- ✓ Reminder : MicrologC et Microlog pressure and temperature autonomous recorders are miniaturized and can be located at the heart of the load to be sterilized. Their 32000 measurement points allow for up to 9 hours of recording with a 2 seconds acquisition rate. Their low consumption and their special batteries offer up to 1000 hours of recording (with MicrologC).

- ✓ Software : Extremely user friendly, ABste Control offers the possibility to validate a load with a minimum of mouse clicks: the MicrologC is read, analysis predefined by the person in charge are performed, data is stored and a complete validation report is printed. Everything is automatic.

- ✓ Configuration : The person in charge edits (under password security) the operational configuration (data directory, printer), defines the sterilizers characteristics, their cycles and the authorized operators and entirely configure the analysis to be performed for each cycle.



The "Log" :

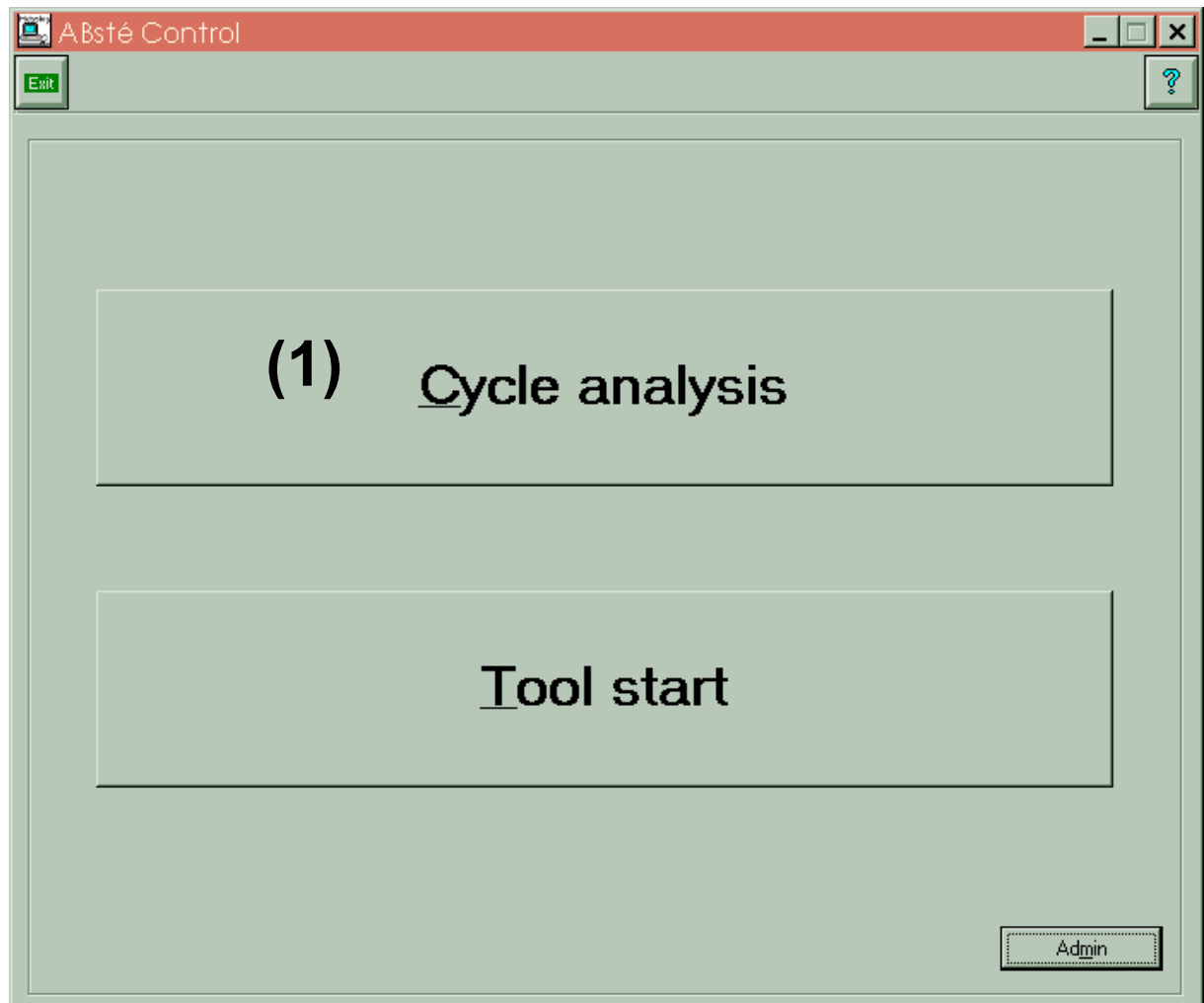
ABsté Control - Log

Details
 Notes

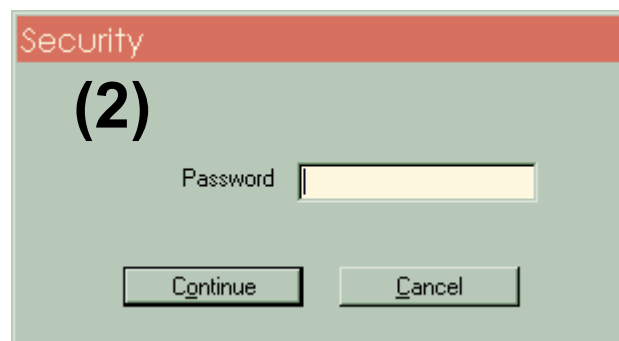
File name

Date Time	Cycle	Sterilizer	Number	Operator	Pre	NE554	Post	NE285	Status	File Name
✓ 18/11/02 18:11:01	instruments	Autoclave03	3335	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003335.m1w
✓ 18/11/02 18:09:46	instruments	Autoclave02	2258	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002258.m1w
✓ 18/11/02 18:09:08	instruments	Autoclave01	2589	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002589.m1w
✓ 18/11/02 18:08:27	instruments	Autoclave02	2257	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002257.m1w
✓ 18/11/02 18:07:49	instruments	Autoclave03	3334	Bertran...	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003334.m1w
✓ 18/11/02 18:07:17	instruments	Autoclave01	2588	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002588.m1w
✓ 18/11/02 18:06:36	instruments	Autoclave03	3333	Bertran...	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003333_001.m1w
✓ 18/11/02 18:05:31	instruments	Autoclave03	3333	Bertran...	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002255.m1w
✓ 18/11/02 18:04:57	instruments	Autoclave02	2256	Bertran...	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002256.m1w
✓ 18/11/02 18:04:25	instruments	Autoclave01	2587	Bertran...	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002587.m1w
✓ 18/11/02 18:03:36	instruments	Autoclave03	3332	Bertran...	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003332.m1w
✓ 18/11/02 17:59:53	instruments	Autoclave02	2255	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002255.m1w
✓ 18/11/02 17:58:12	instruments	Autoclave01	2586	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002586.m1w
✓ 18/11/02 17:57:12	instruments	Autoclave03	3331	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003331.m1w
✓ 18/11/02 17:56:37	instruments	Autoclave02	2254	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002254.m1w
✓ 18/11/02 17:55:55	instruments	Autoclave01	2585	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002585.m1w
✓ 18/11/02 17:53:44	instruments	Autoclave03	3330	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003330.m1w
✓ 18/11/02 09:19:39	instruments	Autoclave02	2253	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002253.m1w
✓ 18/11/02 09:18:54	instruments	Autoclave01	2584	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002584.m1w
✓ 18/11/02 09:18:13	instruments	Autoclave03	3329	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003329.m1w
✓ 18/11/02 09:17:34	instruments	Autoclave02	2252	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002252.m1w
✓ 15/11/02 14:19:27	instruments	Autoclave01	2583	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002583.m1w
✓ 14/11/02 18:44:46	instruments	Autoclave03	3328	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003328.m1w
✓ 14/11/02 18:43:49	instruments	Autoclave02	2251	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002251.m1w
✓ 14/11/02 18:42:42	instruments	Autoclave01	2582	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002582.m1w
✓ 14/11/02 18:42:02	instruments	Autoclave03	3327	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003327.m1w
✓ 14/11/02 18:35:43	instruments	Autoclave02	2250	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002250.m1w
✓ 14/11/02 18:31:29	instruments	Autoclave01	2581	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002581.m1w
✓ 14/11/02 18:29:50	instruments	Autoclave03	3326	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003326.m1w
✓ 14/11/02 18:28:08	instruments	Autoclave02	2249	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002249.m1w
✓ 14/11/02 18:19:26	instruments	Autoclave01	2580	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_002580.m1w
✓ 14/11/02 17:53:27	instruments	Autoclave03	3325	Serge	✓ Success	✓ Success	✓ Succ...	-	✓ Accepted	Microlog-C_37_003325.m1w

✓ Routine use :



At the end of the cycle, the Microlog can be read immediately (1). The operator identifies himself by a secured password (2):



Then the operator must select a sterilizer (3) and a type of cycle (4) that will define the analysis to be done and starts the automatic process (5)

The screenshot shows a software window with a light green background. At the top left is a green arrow icon, and at the top right is a question mark icon. The main area contains three input fields: 'Sterilizer' with a dropdown menu showing 'Sterilizer 1', 'Type of cycle' with a dropdown menu showing 'Instruments', and 'Cycle number' with a text box containing '4563'. Below these fields, the numbers '(3)', '(4)', and '(5)' are placed under 'Sterilizer 1', 'Instruments', and 'Continue >>' respectively. A red text note states: 'The cycle number is automatically incremented or can be forced manually'. At the bottom, there is a '<< Cancel' button, a 'Continue >>' button, and a checked checkbox labeled 'Erasing and stop after data reading'.

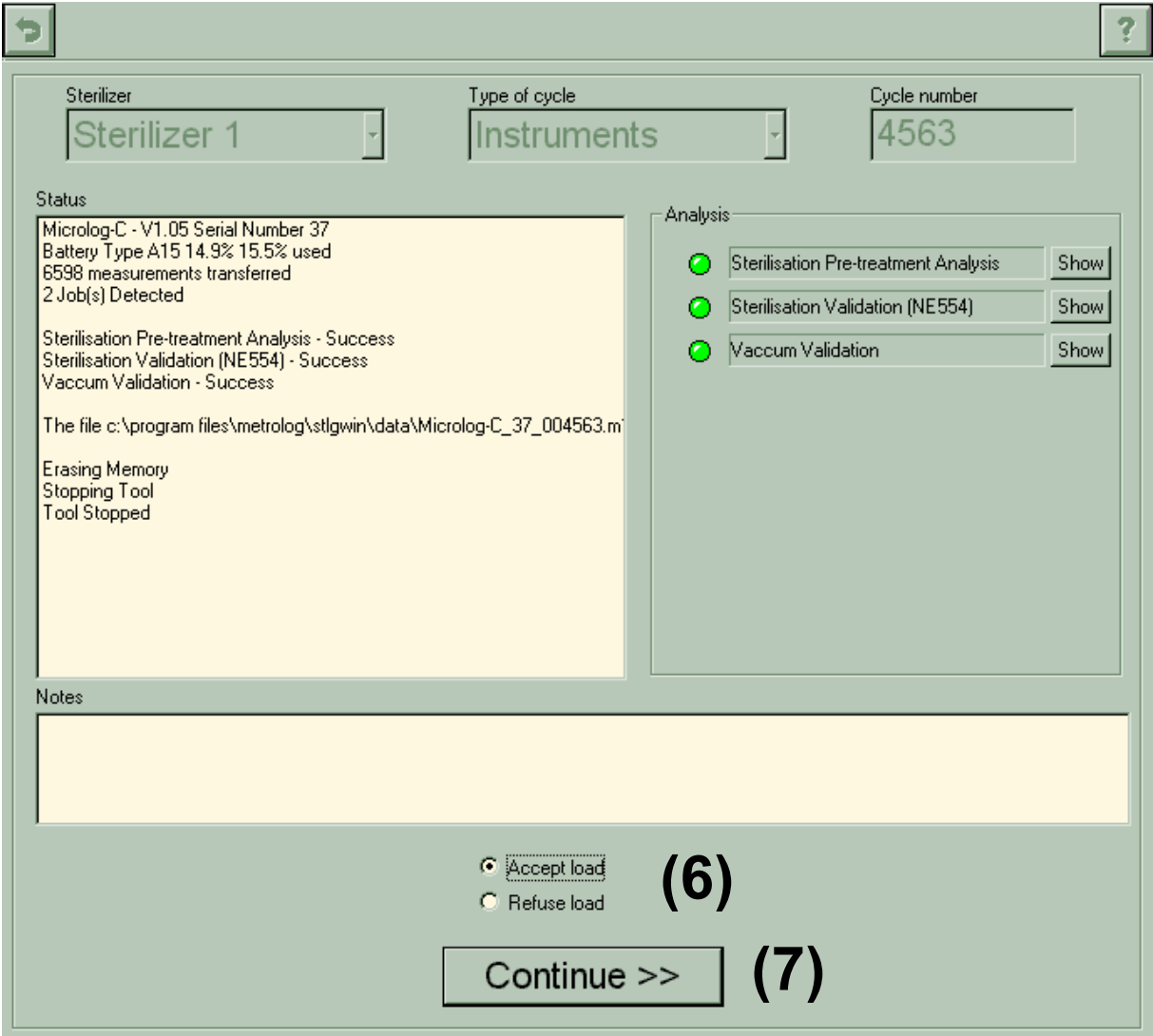
Sterilizer	Type of cycle	Cycle number
Sterilizer 1	Instruments	4563

(3) **(4)** **The cycle number is automatically incremented or can be forced manually**

(5)

<< Cancel Continue >> Erasing and stop after data reading

The analysis results appear on the screen (green or red Led allow an immediate readability, see below), and the operator accepts or refuses the load (6) and continues to obtain the report printing (7).



A complete sterilization report (below) is printed automatically. The logger can be automatically erased and started again if a new cycle is ran.

Data File Name : Microlog-C_37_002264.m1w
 Tool : Microlog-C # 37
 Calibration Date : 28/06/02

Sterilizer : Autoclave02
Cycle Number: 2264
 Cycle : instruments
 Operator : Bertrand Chevalley
 Date/Time : 28/11/02 19:11:36

Operator Signature Bertrand Chevalley:

Load accepted

Pre : Success

Duration	00:16:44	15:32:33 - 15:49:17
Minimum Interval Duration	00:10:00	
Start Pressure Threshold	0.7500 bar	
Reference Pressure	1.0000 bar	
Minimum Vacuum Pressure	0.2500 bar	Success 0.0446 bar 15:42:51 Press
Minimum Temperature	100.00 degC	Success 107.12 degC 15:43:29 Temp
Number of pre-treatments	4	Success 5

NE554 : Success

Duration	00:18:00	15:55:55 - 16:13:55
Reference Temperature	134.0 degC	
Sterilisation Band	3.00 degC	Success 2.30 degC 15:57:01 Temp
Band per Channel	1.00 degC	Success 0.70 degC 15:57:01 Temp
Diff. betw. Channels	2.00 degC	Success 0.00 degC 15:55:55 Temp / Temp
Equilibration Time	00:00:15	Success 00:00:00 15:55:09 Temp / Temp
Concordance Temp-Vt	0.50 degC	Success -0.20 degC 15:59:23 Temp
Slope before step	0.4000 bar/m.	Success 0.4693 bar/m. 15:49:11 Press
Max. Temperature		Info 136.30 degC 15:57:01 Temp
Min. Temperature		Info 135.60 degC 15:55:55 Temp
Avg. Temperature		Info 135.85 degC 00:00:00 Temp
F0		Info 587.8 min 16:13:55 Temp

Post : Success

Duration	00:05:10	16:19:17 - 16:24:27
Pressure Threshold	0.0500 bar	
Min Pressure to Reach	0.0400 bar	Success 0.0005 bar 16:19:19 Press
Duration Below Threshold	00:05:00	Success 00:05:08 16:19:17

Notes:

