



Fluid warmer CALDERA
Compliance with medical norm:
PN-EN 60601

Fluid warmer CALDERA



storage at 35-42 °C

energy saving LED
internal lighting

drawers with telescopic slides

independent
temperature
protection

Functionality:

- capacities: 68, 150, 200, 250, 300l – dimensions and load examples are specified in the table with technical data
- fast heating-up of the load due to forced air convection
- polished stainless steel housing, stainless steel interior
- bright, energy saving LED internal lighting and tempered glass of the door assure an excellent visibility of the interior
- drawers with telescopic slides instead of regular shelves prevent falling out of the load
- possibility to place Caldera on the stainless steel table – option

Safety:

- safe temperature range: +35 °C to +42 °C, temperature regulation every 1 °C
- visual and audio alarm in case set temperature is exceeded for 2 °C
- independent temperature protection over 45 °C (over temperature protection) 3.1 class according to DIN 12880
- open door alarm (the alarm goes on in case the door is opened longer than 1 minute)
- LED display visible from 4m distance
- optional door lock – load protection against unauthorized use
- service settings protection against unauthorized use
- archiving working parameters for the period of 1 year (with 15 minutes interval)

CALDERA complies with the following medical norm:

- PN-EN 60601-1-2:2002 EMC – Medical norm for electrical devices
(it does not interrupt the work of the other medical Instruments)



Energy saving LED internal lighting



Door lock



Stainless steel table with wheels



Drawer with telescopic slides



Stainless steel wire shelf



Service settings protection against unauthorized use

Examples of fluid bags configurations



30 pcs of 0.5l bags








20 pcs of 1l bags



4 pcs of 3l bags

Technical parameters of CALDERA fluid warmer

Model	CALDERA 70	CALDERA 150	CALDERA 200	CALDERA 250	CALDERA 300
Parameter					
chamber capacity [l]	68	150	200	250	300
overall dims [mm] (width x height x depth)	550 x 640 x 517	600 x 860 x 590	600 x 1060 x 590	600 x 1260 x 590	600 x 1460 x 590
internal dims [mm] (width x height x depth)	449 x 410 x 380	496 x 655 x 480	496 x 855 x 480	496 x 1055 x 480	496 x 1255 x 480
examples of fluid bags configurations bottle x bottle capacity [l] (per drawer)	20 x 1 or 30 x 0,5 or 4 x 3l				
stainless steel housing	YES				
forced air convection	YES				
chamber also suitable for heating-up sheets, blankets, towels etc.	YES				
LED display, visible distance of 4 m (a requirement for medical devices)	YES				
temperature range +35...+42 °C	YES				
visual and sound alarm after crossing set temperature by 2 °C	YES				
independent temperature protection, before heating-up load above 45 °C protection class 3,1 acc. to DIN 12880	YES				
open door alarm, activation after 1 min	YES				
glass door - tempered glass	YES				
energy saving LED internal lighting	YES				
standard number of drawers	1	2	2	3	4
time required to achieve 37 °C of the load, at set 37 °C (40% load)	4,5 ... 6 h				
time required to achieve 37 °C of the load, at set 37 °C (70% load)	10 ... 15 h				
protection before changing servic parameters by unauthorized personel	YES				
archiving working parameters for the period of 1 year (with 15 minutes interval)	YES				
possibility to place the chamber on the stainless steel table - option	YES		NO		
key door lock - load protection against unauthorized access - option	YES				
telescopic drawer - prevent load loss	YES				
compliance with PN-EN 60601-1-2:2007 EMC Standard for Medical electrical equipment Electromagnetic compatibility (not interfere with other medical equipment)	YES				

Note: fluid warmers caldera are also available with shelves instead of drawers for sheets, blankets and towels heating, with temperature range +35...+70C.

We guarantee at least 10 years of spare parts availability!

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