

DC Series Thermal Cyclers

*D***YN**Acycler**DCL**TM



- Perfect for Education or as a personal cycler
- Fast ramp times
- Flexible block format
- Economical



Dynalab[®]
Labware
quality . value . service

175 Humboldt Street, Suite 300
Rochester, NY 14610

Tel 800-334-7585
Fax 585-334-0241

www.dynalab.com

DCL Series



DyNAcyler DCL

- Perfect for Education or as a personal cycler
- Fast ramp times
- Flexible block format
- Economical

The Afon DCL 20, 25, 30 and 48 are designed with today's lab in mind. Its small footprint and easy programming make it a perfect choice for any lab. The user friendly programming can perform virtually any protocol and the light weight and small footprint provide the lab with a high performing yet compact unit. All this and a 4 year warranty.

Two major sample blocks formats can be chosen:

1. The small personal block: 25 X 0.2 ml and 20 X 0.5 ml
2. The half-full-size blocks: 48 X 0.2 ml and 30 X 0.5 ml. This design allows users to have more flexibility.

Technical Specification

Temperature

Temperature range	4°C to 99°C
Block uniformity	± 0.5°C
Temperature accuracy	± 0.5°C
End of program cooling below ambient	YES

Heating/Cooling Rate

Maximum heating rate	3.5°C/sec
Maximum cooling rate	2.8°C/sec

Heated Lid

Heated lid temperature	100°C to 115°C
Heated lid enable/disable	YES

Programming

Program naming using alpha keys	YES
Program password protection	YES
Number of programs (3 step)	37

Dimensions

Height	185 mm
Width	185 mm
Length	330 mm
Weight	6.8 Kg

Power

AC INPUT	120V or 230V with Switch
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Ordering Information

Part	Product Description
DCL20	DyNAcyler DCL thermal cycler for 20 x 0.5ml microtubes, 120V/230V
DCL25	DyNAcyler DCL thermal cycler for 25 x 0.2ml microtubes, 120V/230V
DCL30	DyNAcyler DCL thermal cycler for 30 x 0.5ml microtubes, 120V/230V
DCL48	DyNAcyler DCL thermal cycler for 48 x 0.2ml microtubes, 120V/230V

DC Series Thermal Cyclers

DyNACycler[™] DCR



- Full sized workhorse
- Easy programming
- Wide Temperature Range
- Economical



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DCR Series



DyNAcycler DCR

- Full sized workhorse
- Easy programming
- Wide Temperature Range
- Economical



The Afon DCR60 and DCR96 are workhorses. The robust design, easy programming and 4 year warranty make this a perform and forget about it unit. Large, medium and small labs will find the DyNAcycler 60 and 96 the perfect choice for the high demanding labs of today.

Technical Specification

<u>Temperature</u>	
Temperature range	4°C to 99°C
Block uniformity	± 0.5°C
Temperature accuracy	± 0.5°C
End of program cooling below ambient	YES
<u>Maximum ramp rate</u>	
2.3°C/second	
<u>Heated Lid</u>	
Heated lid temperature	100°C to 115°C
Heated lid enable/disable	YES
<u>Programming</u>	
Program naming using alpha keys	YES
Program password protection	YES
Number of programs (3 step)	37
<u>Dimensions</u>	
Height	260 mm
Width	220 mm
Length	420 mm
Weight	12.0 Kg
<u>Power</u>	
AC INPUT	120V or 230V with switch

Ordering Information

Part	Product Description
DCR60	DyNAcycler DCR NON Gradient Thermal Cycler for 60 x 0.5ml microtubes, 120V/230V
DCR96	DyNAcycler DCR NON Gradient Thermal Cycler for 96 x 0.2ml microtubes, 120V/230V

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