

# VELP (ECODryBlock) Dry Block Heaters



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# (ECODryBlock) Dry Block Heaters

Modular and digital dry block heater designed for accurate sample heating, supporting a wide range of applications in Life Science and Environmental laboratories.

ECODryBlock is a modular, digital, and precise dry block heater designed for sample preparation, incubation, DNA denaturation, enzymatic reactions, culture media tests, and COD analysis.

## One Modular System

- A single ControlPad manages up to two heating Modules, each with space for up to 2 small aluminum blocks (76 x 51 x 95mm) or 1 big aluminum block (152 x 51 x 95mm)
- Set independent timers and temperatures (up to 165°C) on each Module
- A wide range of interchangeable aluminum blocks, designed to accommodate different types of vials, tubes, and cuvette

## Uniform, Stable, and Controlled Conditions

- The transparent cover creates a warm air jacket that minimizes heat loss and ensures uniform temperature distribution
- External probes (Pt100 and Pt1000) enable precise monitoring and control directly within the block or the sample vessel
- Possibility to set different temperatures on each Module, effectively working as two dry baths in one

## Advanced User Experience

- Equipped with a 7" capacitive touch screen with chemical-resistant glass surface
- Modern, user-friendly interface for quick parameter setting and intuitive operation
- Engineered for durability, with a 3-year warranty

Item Number	Description	Price
<b>CG-1991-V-01</b>	ECODryBlock System	115-230V <b>\$1,450.00</b> *
<b>CG-1991-V-24</b>	ECODryBlock System, COD 24	115-230V <b>\$1,665.00</b> *
<b>CG-1991-V-04</b>	ECODryBlock System, COD 4	115-230V <b>\$1,750.00</b> *
<b>CG-1991-V-01X</b>	ECODryBlock, No ControlPad	115-230V <b>\$800.00</b> *

CG-1991-V-24 includes CG-1991-V-204 & CG-1991-V-132

CG-1991-V-04 includes CG-1991-V-133

CG-1991-V-01X requires CG-1991-V-135 Junction Kit



CG-1991-V-01



CG-1991-V-24



CG-1991-V-04



CG-1991-V-01X

## Blocks For Round Bottom Test Tubes

Commonly used for general laboratory heating tasks, such as preparing solutions, dissolving substances, or incubating samples in routine chemical and biological analyses.

Item Number	Suitable for	Well Size (mm)	No. of Wells	Well Depth (mm)	Price
<b>CG-1991-V-100</b>	Round bottom tubes (6mm)	Ø 8.3	30	48.4	<b>\$198.00</b> *
<b>CG-1991-V-101</b>	Round bottom tubes (10mm)	Ø 10.7	24	48.4	<b>\$198.00</b> *
<b>CG-1991-V-102</b>	Round bottom tubes (12/13 mm)	Ø 13.9	16	48.4	<b>\$198.00</b> *
<b>CG-1991-V-103</b>	Round bottom tubes (12/13 mm)	Ø 13.9	20	48.4	<b>\$198.00</b> *
<b>CG-1991-V-104</b>	Round bottom tubes (15/16 mm)	Ø 17.5	12	48.4	<b>\$198.00</b> *
<b>CG-1991-V-105</b>	Round bottom tubes (17/18 mm)	Ø 19.1	12	48.4	<b>\$198.00</b> *
<b>CG-1991-V-106</b>	Round bottom tubes (20 mm)	Ø 21	8	48.4	<b>\$198.00</b> *
<b>CG-1991-V-107</b>	Round bottom tubes (25 mm)	Ø 26.2	6	48.4	<b>\$198.00</b> *
<b>CG-1991-V-108</b>	Round bottom tubes (35 mm)	Ø 35	4	47.6	<b>\$198.00</b> *



CG-1991-V-100

## Blocks For Microcentrifuge Tubes

Designed for small-volume samples, typically employed in molecular biology and biochemistry for DNA, RNA, or protein preparation and analysis.

Item Number	Suitable for	Well Size (mm)	No. of Wells	Well Depth (mm)	Price	
CG-1991-V-109	PCR tubes (0.5mL)	Ø 7.9	30	27.6	<b>\$198.00</b>	*
CG-1991-V-110	Microcentrifuge tubes (1.5mL)	Ø 11.5	20	36.9	<b>\$198.00</b>	*
CG-1991-V-111	Microcentrifuge tubes (1.5mL)	Ø 10.9	20	39.1	<b>\$198.00</b>	*
CG-1991-V-112	Microcentrifuge tubes (2.0mL)	Ø 10.9	20	38.1	<b>\$198.00</b>	*
CG-1991-V-113	Microcentrifuge tubes (2.0mL)	Ø 10.9	20	38.1	<b>\$198.00</b>	*



CG-1991-V-109

## Blocks For Conical Bottom Centrifuge Tubes

Used for medium to large capacity centrifugations, ideal for separating cells, particles, or biological components, as well as for preparing and collecting pellets.

Item Number	Suitable for	Well Size (mm)	No. of Wells	Well Depth (mm)	Price	
CG-1991-V-114	Conical centrifuges tube (15mL)	Ø 17.1	12	44.5	<b>\$198.00</b>	*
CG-1991-V-115	Conical centrifuges tube (50mL)	Ø 29	5	47.6	<b>\$198.00</b>	*

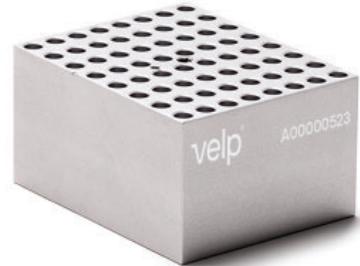


CG-1991-V-114

## Blocks For PCR

Specially designed for PCR (Polymerase Chain Reaction) applications, ensuring uniform heating and precise temperature control during DNA amplification and related molecular biology workflows, as well as diagnostics and genetic research.

Item Number	Suitable for	Well Size (mm)	No. of Wells	Well Depth (mm)	Price	
CG-1991-V-128	64 x individual PCR tubes (0.2mL tubes)	Ø 6.6	64	20.2	<b>\$198.00</b>	*
CG-1991-V-129	10 x 8 individual PCR tube strips (0.2mL tubes)	Ø 6.6	80	15.5	<b>\$198.00</b>	*
CG-1991-V-130	1 x 96 – well PCR plate (0.2mL tubes)	Ø 6.6	96	15.5	<b>\$198.00</b>	*



CG-1991-V-128

## Combination Blocks For Test Tubes, Centrifuge Tubes & Microcentrifuge Tubes

Provide maximum flexibility, allowing simultaneous heating of different tube formats, ideal for multipurpose laboratories handling diverse workflows.

Item Number	Suitable for	Well Size (mm)	No. of Wells	Well Depth (mm)	Price	
CG-1991-V-116	Test tube combination, 6 / 12 / 13 / 25mm	Ø 8.3 Ø 13.9 Ø 26.2	6 5 3	48.4 48.4 48.4	<b>\$198.00</b>	*
CG-1991-V-117	Centrifuge tube combination, 1.5 / 15 / 50mL	Ø 11.1 Ø 17.1 Ø 29	4 3 2	39.1 44.5 47.6	<b>\$198.00</b>	*
CG-1991-V-118	Microcentrifuge tube combination, 0.5 / 1.5 / 2.0mL	Ø 7.9 Ø 11.1 Ø 11.5	6 10 5	27.6 39.1 38.1	<b>\$198.00</b>	*



CG-1991-V-116

## Blocks For Vials

Suitable for reaction vials, often used in chemistry and pharmaceutical applications for compound synthesis, extraction, or sample preparation.

Item Number	Suitable for	Well Size (mm)	No. of Wells	Well Depth (mm)	Price
<b>CG-1991-V-119</b>	12mm OD vials like 12mm x 32mm, 1.5mL and 2mL Autosampler Vials	Ø 12.7	20	30	<b>\$198.00</b> *
<b>CG-1991-V-120</b>	15mm OD vials like 15mm x 45mm, 4mL (1 Dram) Vials	Ø 15.8	20	35	<b>\$198.00</b> *
<b>CG-1991-V-121</b>	16mm OD vials like 16mm x 50mm, 5.5mL (1 1/2 Dram) Vials	Ø 16.4	15	45	<b>\$198.00</b> *
<b>CG-1991-V-122</b>	17mm OD vials like 17mm x 60mm, 8mL (2 Dram) Vials	Ø 17.8	12	45	<b>\$198.00</b> *
<b>CG-1991-V-123</b>	19mm OD Vials like 19mm x 65mm, 12mL Vials	Ø 19.7	12	45	<b>\$198.00</b> *
<b>CG-1991-V-124</b>	21mm OD vials like 21mm x 70mm, 16mL (4 Dram) Vials	Ø 21.7	9	45	<b>\$198.00</b> *
<b>CG-1991-V-125</b>	23mm OD vials like 23mm x 85mm, 24mL (6 Dram) Vials	Ø 23.8	8	45	<b>\$198.00</b> *
<b>CG-1991-V-126</b>	25mm OD vials like 25mm x 95mm, 30mL (8 Dram) Vials	Ø 25.8	8	45	<b>\$198.00</b> *
<b>CG-1991-V-127</b>	28mm OD vials like 28mm x 95mm, 40mL Vials	Ø 28.8	6	45	<b>\$198.00</b> *



CG-1991-V-119

## Blocks For Cuvette

Allow controlled heating of cuvettes for spectrophotometric analysis, supporting kinetic studies, enzyme reactions, or temperature-dependent absorbance measurements.

Item Number	Suitable for	No. of Wells	Well Depth (mm)	Price
<b>CG-1991-V-131</b>	2 x 6 cuvettes (12.5mm)	2	25.4	<b>\$198.00</b> *



CG-1991-V-131

## Blocks For COD (Chemical Oxygen Demand) Round Bottom Test Tubes

Dedicated to COD (Chemical Oxygen Demand) analysis in environmental testing, ensuring accurate digestion of water and wastewater samples under controlled conditions

Item Number	Suitable for	Well Size (mm)	No. of Wells	Well Depth (mm)	Price
<b>CG-1991-V-133</b>	Round bottom COD test tube (42mm)	Ø 42	4	51	<b>\$198.00</b> *
<b>CG-1991-V-134</b>	Round bottom COD test tube (16/22mm)	Ø 16 Ø 22	18 2	47 45.5	<b>\$198.00</b> *
<b>CG-1991-V-132</b>	Round bottom COD test tube (16mm)	Ø 16	24	47	<b>\$198.00</b> *



CG-1991-V-134

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