

HYPOXIC INCUBATOR



01 ACCURACY

- Precise Control of O₂ and CO₂
 - √ O₂ Control: 0.0% - 20.9%, in 0.1% increments
 - √ CO₂ Control: 0.03% - 20.0%, in 0.1% increments
 - √ O₂ and CO₂ sensor can monitor the gas environment in the real-time
- Incubator with temperature control
 - √ Temperature control: 5°C above ambient up to 45°C, in 0.1°C increments
 - √ Temperature sensor can detect the temperature inside the incubator in real-time

- Programmable four-stage hypoxic cycle
 - √ User can preselect 4 levels of O₂ and CO₂ and set the duration of each pair of set points.

Hypoxic Cycle Settings

O₂ CO₂ N₂ 2020.6.22 20:20:24

PARAMETER SETTING:			STATE: WAITING	
O ₂ (%)	CO ₂ (%)	TIME(MIN)	O ₂ VALUE	MINS
STEP1 10.0	5.0	2	11.0 %	ACT1 0
STEP2 8.0	5.0	2	CO ₂ VALUE	ACT2 0
STEP3 5.0	5.0	2	4.9 %	ACT3 0
STEP4 2.0	5.0	2		ACT4 0
CYCLES 3			CYCLES 0	

START
BACK

- USB data logging system holds 3 months of continuous data storage

TREND LOG

DATE	TIME	O2 SET	O2 VALUE	CO2 SET	CO2 VALUE
2017/1/21	10:10:29	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:11:12	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:12:56	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:13:15	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:14:23	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:16:29	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:18:12	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:20:56	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:21:15	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:22:23	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:23:22	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:24:12	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:25:56	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:26:34	10.0%	10.0%	12.0%	12.0%
2017/1/21	10:27:32	10.0%	10.0%	12.0%	12.0%

DELETE
USB SAVE
BACK

- One-touch calibration for O₂ and CO₂ sensor
 - √ The O₂ and CO₂ sensors can be automatically calibrated to guarantee the accuracy of gas concentration detection.

Hypoxic Incubator Control Panel

O₂ **CO₂** N₂ 2020.6.22 12:18:54

PARAMETER SETTINGS:

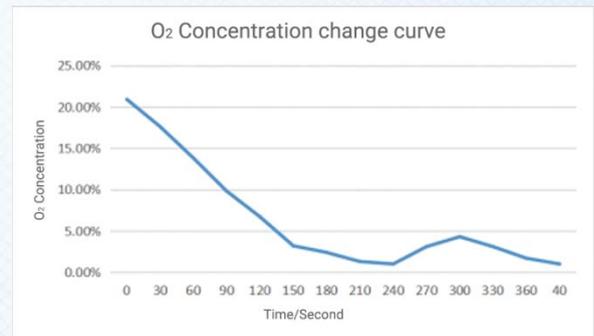
O₂ SET POINT: 5.0 % CO₂ SET POINT: 7.0 %

O₂ CUR VALUE: 11.1 % CO₂ CUR VALUE: 4.9 %

RUNNING STATE: WAITING

STOP
O₂ CAL
CO₂ CAL
BACK

- Fast initial and recovery time
 - √ Rapidly achieve the set gas concentration, temperature, and humidity after the door is closed.



- Removable shelves for culture flasks or small equipment placement.
- Built-in air pump and filter are used to provide the oxygen supply, avoiding the need for a compressed air cylinder.
- Optional anaerobic/hypoxic system in one incubator.

02 CUSTOMISED ENCLOSURES



Integration of ELISA instruments into a Hypoxia Incubator



Integration of Seahorse into a Hypoxia Incubator



Integration of HCS instrument into a Hypoxia or Anaerobic Incubator



000 «Диаэм»

Москва
ул. Магаданская, д. 7, к. 3 ■ тел./факс: (495) 745-0508 ■ sales@dia-m.ru

www.dia-m.ru

С.-Петербург
+7 (812) 372-6040
spb@dia-m.ru

Новосибирск
+7 (383) 328-0048
nsk@dia-m.ru

Воронеж
+7 (473) 232-4412
vrn@dia-m.ru

Йошкар-Ола
+7 (927) 880-3676
nba@dia-m.ru

Красноярск
+7 (923) 303-0152
krsk@dia-m.ru

Казань
+7 (843) 210-2080
kazan@dia-m.ru

Ростов-на-Дону
+7 (863) 303-5500
rnd@dia-m.ru

Екатеринбург
+7 (912) 658-7606
ekb@dia-m.ru

Кемерово
+7 (923) 158-6753
kemerovo@dia-m.ru

Армения
+7 (094) 01-0173
armenia@dia-m.ru

