

INCUDRIVE Roller Systems/Incubators, schuett-biotec

For rotating and rolling of vessels, test tubes or cell culture bottles. With or without temperature control. Doors made of transparent, thermally insulated UV-resistant plastics for permanent monitoring of the experiment.

① INCUDRIVE D-I

Roller drive-unit with incubating hood and air circulation system.

For defined slow rotation in lower range of speed or fast rotation for thorough mixing of samples. Suitable for continuous mode with heavy load.

For up to 4 individually removable roller inserts. The vertical placement of the roller inserts is predetermined. Alternatively, there may be wire mesh trays to allow for placing various equipments in the same environmental/temperature conditions.

Electronic temperature control showing actual and set temperature.

Roller insert each for alternatively bottle sizes (on request).

Weight of rolling goods max. 10 kg per roller insert or max. 25 kg per device.

Speed:	Bottle 120 mm Ø, approx. 0,1 – 2 min ⁻¹
Length:	Incl. cap max. 520 mm
Temperature range:	+5°C above room temp. up to +50°C
Dimensions outer (W × D × H):	610 × 780 × 920 mm
Dimensions inner (W × D × H):	560 × 550 × 740 mm
Power:	230 V, 50 Hz, 330 W
Weight:	approx. 45 kg

Article	Order No.
INCUDRIVE D-I roller drive-unit	88 31 61001
incl. 1 roller insert	
INCUDRIVE D-I CO₂ roller drive-unit	10 31 82001
CO ₂ -version, 0–10%. Consumption approx. 2 kg per day	
INCUDRIVE D-I roller insert (additional)	10 31 81011

② INCUDRIVE R

Roller system with mounted roller rack, without temperature control. Can be combined with INCUDRIVE H incubating hood. To slowly rotate roller drums. For roller bottles, test tubes or vessels according to sample (accessories).

Speed:	Drum approx. 0.1 – 2 min ⁻³
Dimensions outer (W × D × H):	650 × 530 × 260 mm
Power:	230 V, 50 Hz, 330 W
Weight:	approx. 15 kg (without drum)

Article	Order No.
INCUDRIVE R roller system for drums	88 31 64001
To drums see accessories	

③ INCUDRIVE R

Incubating hood with air-circulation system. Can be combined with e.g. INCUDRIVE R or for incubating equipment and experiments on even surfaces. Soft rubber lining at the bottom for passage of power cords.

Temperature range:	+5°C above room temp. up to +50°C
Dimensions outer (W × D × H):	640 × 555 × 750 mm
Dimensions inner (W × D × H):	600 × 460 × 585 mm
Power:	230 V, 50 Hz, 280 W
Weight:	approx. 10.5 kg

Article	Order No.
INCUDRIVE H incubating hood	88 31 65001

④ INCUDRIVE S

Incubator with drive-unit to rotate roller drums. For cell culture bottles, test tubes or vessels according to sample (accessories).

Housing container made of stainless steel. The roller rack may be easily removed and inclined. Electronic temperature control showing actual and set temperature.

Temperature range:	+70°C
Dimensions outer (W × D × H):	895 × 715 × 840 mm
Dimensions inner (W × D × H):	554 × 550 × 644 mm
Power:	230 V, 50 Hz, 550 W
Weight:	approx. 110 kg

Article	Order No.
INCUDRIVE S incubator for drums	41 31 51001
To drums see accessories	
INCUDRIVE S roller rack	10 31 85101



⑤ Motion Systems

Incubator with roller system for up to 90 cell culture bottles (9 levels / 5 bottles side by side/ 2 in a row), for the production of e.g. vaccines, using adherent cell cultures. Energy savings. Warm-up period max. 2 hours.

For establishing methods, for future scale-up. Improved safety during production, problems during cultivation are limited to the incubator in question. Including RS232-interface for temperature control (Quality Control).

May pass any standard laboratory door. Mobile.

Speed:	Bottle 120 mm Ø, approx. 0,1 – 2 min ⁻¹
Length:	Incl. cap max. 270 mm
Temperature range:	+5°C above room temp. up to +50°C
Temperature stability:	<± 1°C inside the medium
Dimensions outer (W × D × H):	800 × 950 × 1950 mm
Power:	230 V, 50 Hz, 1300 W (max.)
Weight:	approx. 260 kg

Article	Order No.
INCUDRIVE 90 roller incubator	41 31 68001
INCUDRIVE 90 CO₂ roller incubator	41 31 69001
CO ₂ -version: 0 to 10 %. Consumption approx. 2 kg per day.	
INCUDRIVE 90 Bottle-Lifter	41 31 68011
for loading or removing within seconds. Mobile and sterilizable.	
For connecting incubating and harvesting area. Minimizes the risks of cross contamination.	

Accessories

Drums for INCUDRIVE R / INCUDRIVE S

Article	Order No.
Drum R	10 31 86071
for 7 roller bottles Ø 120/125 mm (max. 1 per device)	
Drum K10	10 31 86101
for 210 test tubes 100×16 mm (max. 3 per device)	
Drum K16	10 31 86161
for 210 test tubes 160×16 mm (max. 2 per device)	
Drum M	10 31 86311
custom-made for other vessels (max. 2 per device)	

