

## COMPLETE RESPIRATORY DIAGNOSTICS SYSTEM

Full pulmonary function testing lab including recording of all pulmonary volumes and diffusing capacity

### YOUR ADVANTAGES

- ✓ **DIAGNOSE FASTER** - Within a minute obtain results for airway resistance, dynamic/static lung volumes and flow/volume curve.
- ✓ **MAINTENANCE FREE** - Clean and high-precision via ULTRASOUND Technology.
- ✓ **LOGLIFE GAS ANALYZERS** - No replacements or periodic changes needed.
- ✓ **BROAD SPECTRUM OF OPTION** - Multiple programs available, making the PowerCube Body+ your comprehensive analysis device.
- ✓ **COST & SPACE** - optimized.
- ✓ **ATS/ERS GUIDELINES** - Fully conforms to Gold Standards.
- ✓ **LFX: OUR USER-FRIENDLY INTUITIVE SOFTWARE** - Latest programming technologies safeguard natural day to day workflow.

### TECHNICAL DATA

#### Flow-Measurement

Principle	Ultrasound Transit Time
Range	0 - 20 l/s
Accuracy	± 2% or 50 ml/s (whichever is greater)
Resistance	<0.05 kPa/(l/s) at 14 l/s

#### Volume-Measurement

Principle	Digital Integration
Range	Not limited
Accuracy	± 2%

#### Mouth Pressure

Principle	Piezo resistive
Range	± 30 kPa
Accuracy	± 1%

#### Cabin Pressure

Principle	Piezo resistive
Range	± 1 kPa
Accuracy	± 1%

#### CO Analyzer

Principle	Non-dispersive Infrared Analyzer
Range	0 - 0.5%
Accuracy	± 1%

#### He Analyzer

Principle	Ultrasound
Range	0 - 20 % He
Accuracy	± 1%

#### Weight

Weight of cabin	150 kg
-----------------	--------

#### Dimensions

W/o door Handle	86 cm x 185 cm x 71 cm
-----------------	------------------------



**GANSORN Medizin Electronic GmbH**

Industriestraße 6 - 8 · 97618 Niederlauer · Germany  
+49 (0) 9771 6222 0 · sales@ganshorn.de



# GANSORN

SCHILLER GROUP

# POWERCUBE BODY+

technical specifications

## Standards

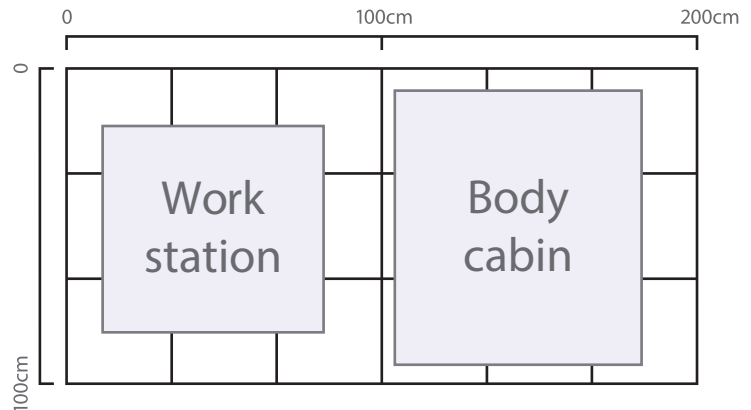
Quality Management	ISO 13485
FDA	510(k) market clearance
MDD 93/42/ECC	CE Marked
Electrical safety	EN 60601-1 (Third Edition)

## Electrical Requirements

Power Consumption	Max. 120 VA
Voltage	240 V
Frequency	50/60 Hz

## FEATURES

- ✔ **COMPLETE PACKAGE.**  
Includes ergonomic trolley, PC, monitor, printer and isolating transformer.
- ✔ **WHEEL-CHAIR & XL-CABIN AVAILABLE.**  
Increased comfort for exceptional patients.
- ✔ **MAXIMUM COOPERATION.**  
Panorama view and LED-Lights for maximum patient comfort.



## ADMINISTRATIVE PROGRAMS

	STANDARD	OPTION
SQL Database	✔	
Report Generator	✔	
Multiuser license		✔
User Predicted Values	✔	
GDT data transfer		✔
HL7 Interface		✔
Worklist		✔
DICOM		✔

## MEASUREMENT PROGRAMS & FEATURES

	STANDARD	OPTION
Bodyplethysmography (TGV)	✔	
Airway resistance (Eff, Tot, 0.5, mid, peak)	✔	
Slow Spirometry	✔	
Forced Spirometry/Flow-Volume	✔	
Single Breath Diffusion	✔	
FRC - Nitrogen Washout		✔
Offline Input of Bloodgases	✔	
Provocation		✔
Rhinomanometry		✔
ROCC		✔
MIP/MEP (Muscle Strength)		✔
MVV		✔
ROS/FOT		✔
Compliance		✔
Capnovolumetry		✔

**wheelchair cabin**

dimensions: 130 x 185 x 95 cm  
ramp: 140 x 88 cm



# GANSHORN

SCHILLER GROUP

You need more information? [www.ganshorn.de](http://www.ganshorn.de) 0123