

# Data Sheet: GROWSCHOOL

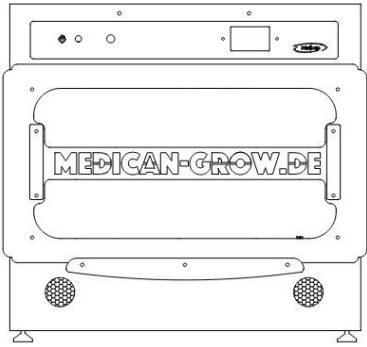
## General Description:

The Growschool is a growing booth for plants, especially designed for seedlings or for small growing plants up to 30 cm.

## Features:

- SANlight LED Growlights (3x SANlight Flex10\*)
- Spraying system
- External water connector
- Two fans for physical stimulation and air-circulation
- Active carbon filter ventilation system
- Program selector
- Temperature sensor
- Rel. h% humidity sensor or vol% soil humidity sensor
- Connection for root/soilheating
- Siemens Programmable Logic Controller (contains a basic program and is individually programmable)
- Aluminum and stainless steel lightweight basic structure and housing
- Over-heating protection
- Webbrowser
- CE-conform
- Two-year warranty period

## Technical Data:

<p><b>Growschool</b></p>	 <p>650 x 500 x 630</p>
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<b>Typ</b>	GS 6050 H
<b>Manufacturer</b>	Medican GmbH
<b>Dimension (L x W x H)</b>	670 x 530(incl. handle 40 mm) x 630 mm
<b>Effective plant dimension (L x W x H)</b>	approx. 660 x 480 x 370 mm
<b>Voltage</b>	230V, 50-60 Hz
<b>Lights* - Operating power consumption</b>	3x SANLight Flex 10 (each 10W)
<b>Lights* - Emission wavelength range</b>	400-780 nm
<b>Lights* - PPF total (photosynthetic photon flux)</b>	61,2 $\mu\text{mol/s}$
<b>Lights* - Power consumption (total)</b>	30 W
<b>Air flow</b>	234 m <sup>3</sup> /h
<b>Power consumption at full load</b>	Approx. 50 W

\*different lights on request.