

CONTROL SYSTEM

ECS2

The ECS2 is a patented control system designed to minimise power consumption in our sit-stand desks. Depending on the load, it consumes up to 50 W less energy in movement than earlier models.



Technical Specification

Function

Control:	2-parallel system
Speed:	Up to 30 mm/second
Soft start:	Progressive acceleration ensures soft height adjustment
Maximum load:	120 kg
Travel range:	500, 600, 650 mm
Noise output:	55 db
Product silence:	40 db

Dimensions & Weight

Control unit:	115 x 96 x 23 mm, 95 g
Power unit:	115 x 53 x 37 mm, 330 g
Power cables:	Length 1500 mm (primary side) Length 1900 mm (secondary side)
Motor cable:	Length 1500 mm

Standards & Environment

EMC
Control Unit: RoHS WEE CE Reach
Power Unit: WEE CE UL TÜV/GS
RoHS2, Reach, EMC, UL962

Electronic Data Power Unit

Input:	110-240 V
Frequency:	50/60 Hz
Output:	29 V
Power Plug:	EU

Operating Environment

Compatibility:	Motor hall sensor Bosch 24 V, actuator ED
Operating Cycle:	1 minute on, 9 minutes off
Operating Temperature:	+10° C to +40° C (indoors)

Energy Use

Standby:	0,5 W
Operation:	88 - 146 W at 0-120 kg load

Materials

Cover Control Unit: ABS plastic

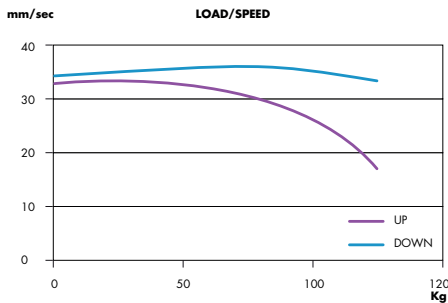
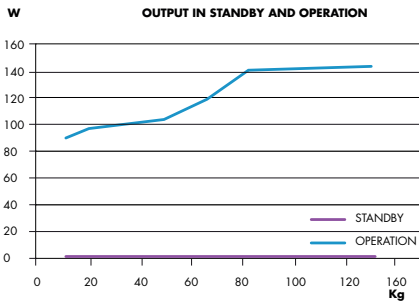
Options

Color Control Unit:	Black, white
Collision detection:	On/off

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Safety Features

Overheating Protection:

Table is inoperable when the overheating protection has shut down the control unit. Control unit will be reactivated automatically when temperature has dropped sufficiently.

Intermittency Function:

The operating cycle of the control unit is 10%, which means that the table can be operated for 1 minute at maximum load, after which it will stop and must remain inactive for nine minutes. Lesser loads allow for longer operating cycles. Control unit is automatically reset.

Memory Function:

The control unit stores information on the elevation of the table at all times. This information remains stored even when the power supply is interrupted, for instance during a blackout or if the power plug is disconnected.



Hand control with built-in control system



Power source



Stand with mounted control system