SIGNAL PRO

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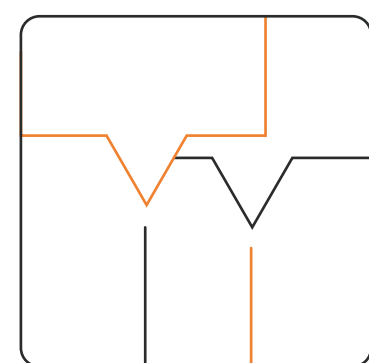
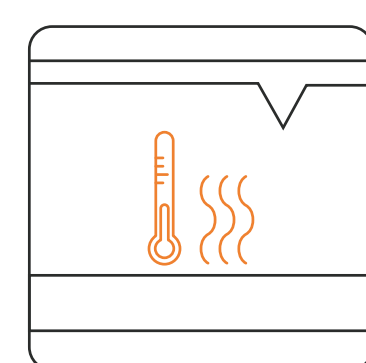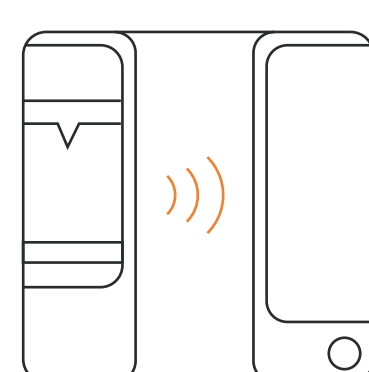# Continuous widening of perspectives

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Machines created in response to the expectations of our customers - people looking for professional solutions. The possibility to choose the size of the working area allows for a perfect fit to individual needs.
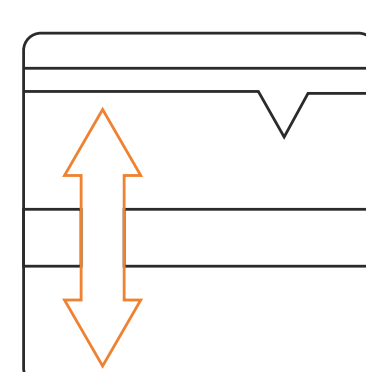
One printing head with two extruders

Active temperature control

Wireless communication

Bed autolevelling
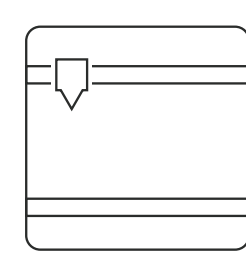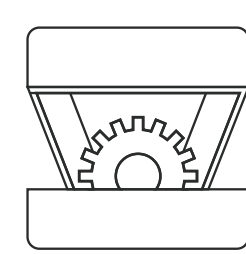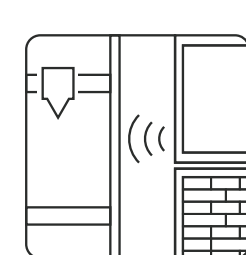
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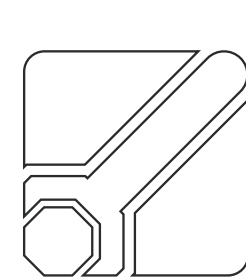
SIGNAL PRO
Technical specification

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PRINTER SPECIFICATIONS

Printing technology	FFF (FDM)
Working area	X:300 Y:300 Z:300/500 mm
Housing	Stable, aluminum, closed construction. Key locked doors. Spool with filament hidden inside the housing.
Printing enviroment	Closed working area with temperature control and carbon filter
Max. chamber temperature	45°C
Working bed	Bed autolevelling, heated working platform
Working bed material	Granite
Max. bed temperature	140°C

HEAD

Nozzle diameter	Basic: 0.4 mm Possible: 0.25 mm; 0.30 mm 0.35 mm; 0.60 mm; 0.80 mm
Number of extruders	2
Extruder type	Direct
Max. head temperature	295°C

PRINTING PROCESS

Layer height	0.1 – 0.6 mm
Nominal printing speed	150 mm/s
HQ printing speed	80 mm/s
Maximum passage speed	200mm/s
Positioning accuracy of the X/Y axes	7 µm
Positioning accuracy of the Z axis	1.25 µm
Software	Cura
File extensions supported by software	.stl, .obj

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MATERIAL		
Materials	PLA, PET-G, ABS, TPU, PC, PA, ESD Support: HIPS, PVA
Material diameter	1.75 mm
Filament form	Spool
Supported spool weights	2 x 0.85kg/1.0kg 1 x 2.5kg

OPERATION	
Communication	WiFi, LAN, USB
File extensions supported by printer	.gcode
Control	Touchscreen
Remote view	Yes-camera with wide-angle lens
Working environment temperature	15 - 25°C

GENERAL DATA	
Power	230V/50Hz
Max. power consuption	1200 W
Average power consuption for PLA	250 W
External dimensions	650x650x850/1050 mm (width x depth x height)
Weight	63/69 kg

CONTENT OF THE SET

- 3D Printer
- Cura software
- 1 year warranty
- Maintenance kit
- 2 x filament spool
- User's manual

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