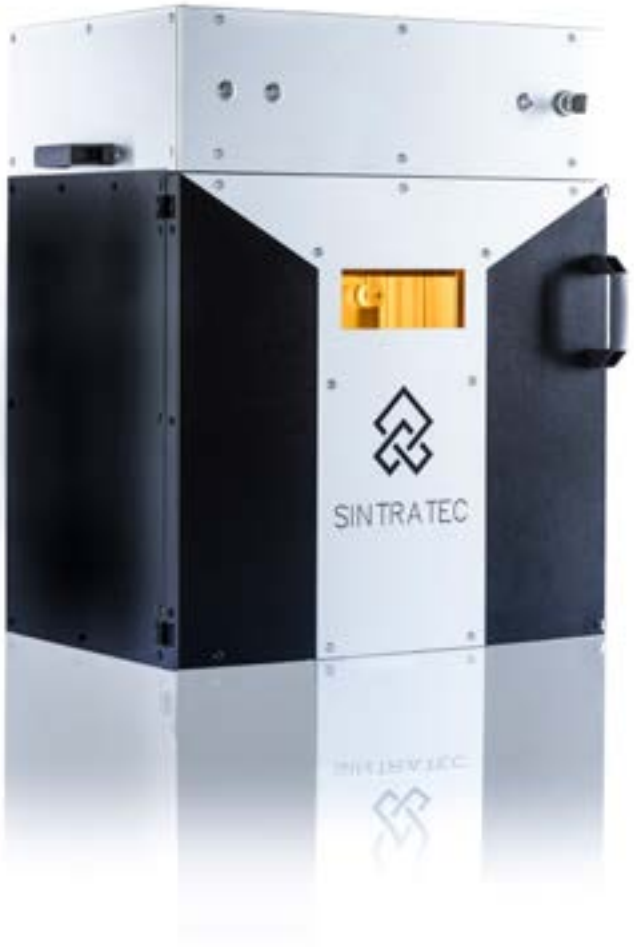
KIT

Sintratec



The best low-price laser sintering solution

The Sintratec Kit brings your ideas to reality.

You can print functional parts for your drone or remote control gadgets or bring your crazy shaped design concept to life.

Create custom and durable casings for your electronics, make your own glasses or even accelerate your start-up with the best technology 3D printing can offer.

Sintratec

Diode Laser Sintering

The Sintratec Kit takes 3D printing to the next level: the laser diode sintering technology enables you to print fully functional prototypes and even end products. No support structures are needed: You can print high quality and complex objects with complete freedom of form. Complete assemblies with movable parts and multiple objects nested in a single print job are no trouble at all for your Sintratec Kit.

Sintratec Software

The Sintratec Kit comes with the Software Sintratec Central. The intuitive interface allows you to easily import your 3D objects and start your print job.

Technical Specifications

Print Volume (max.)	110 × 110 × 110 mm
Print Volume (recomm.)	90 × 90 × 90 mm
Layer Height	100 Micrometers
Outer Dimensions	
Heigth	600 mm
Width	520 mm
Depth	380 mm
Weight	28 kg
State upon Delivery	Unassembled
Assembly Time (One person)	approx. 4 Days
Power Connection	230 V or 110 V AC
Peak Power Consumption	1.7 kW

Materials

With the Sintratec print materials you can create parts that can be used as functional prototypes in mechanically demanding applications and even as end products.

Sintratec PA12

A high performance industrial grade polyamide (Nylon). It allows you to print strong, temperature resistant, precise and durable work pieces.

Main Material	Polyamide 12
Color	Anthracite
Particle Size	60 Micrometers avg.
Melting Point	180 °C

Sintratec TPE

A technical elastomer powder which allows you to print precise and highly flexible parts.

Main Material	Elastomer
Color	Anthracite
Particle Size	50 Micrometers avg.
Melting Point	110 °C