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.
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 x 110 x 110 mm
- Print Volume (recomm.): 90 x 90 x 90 mm
- Layer Height: 100 Micrometers
- Outer Dimensions: 600 mm x 520 mm x 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