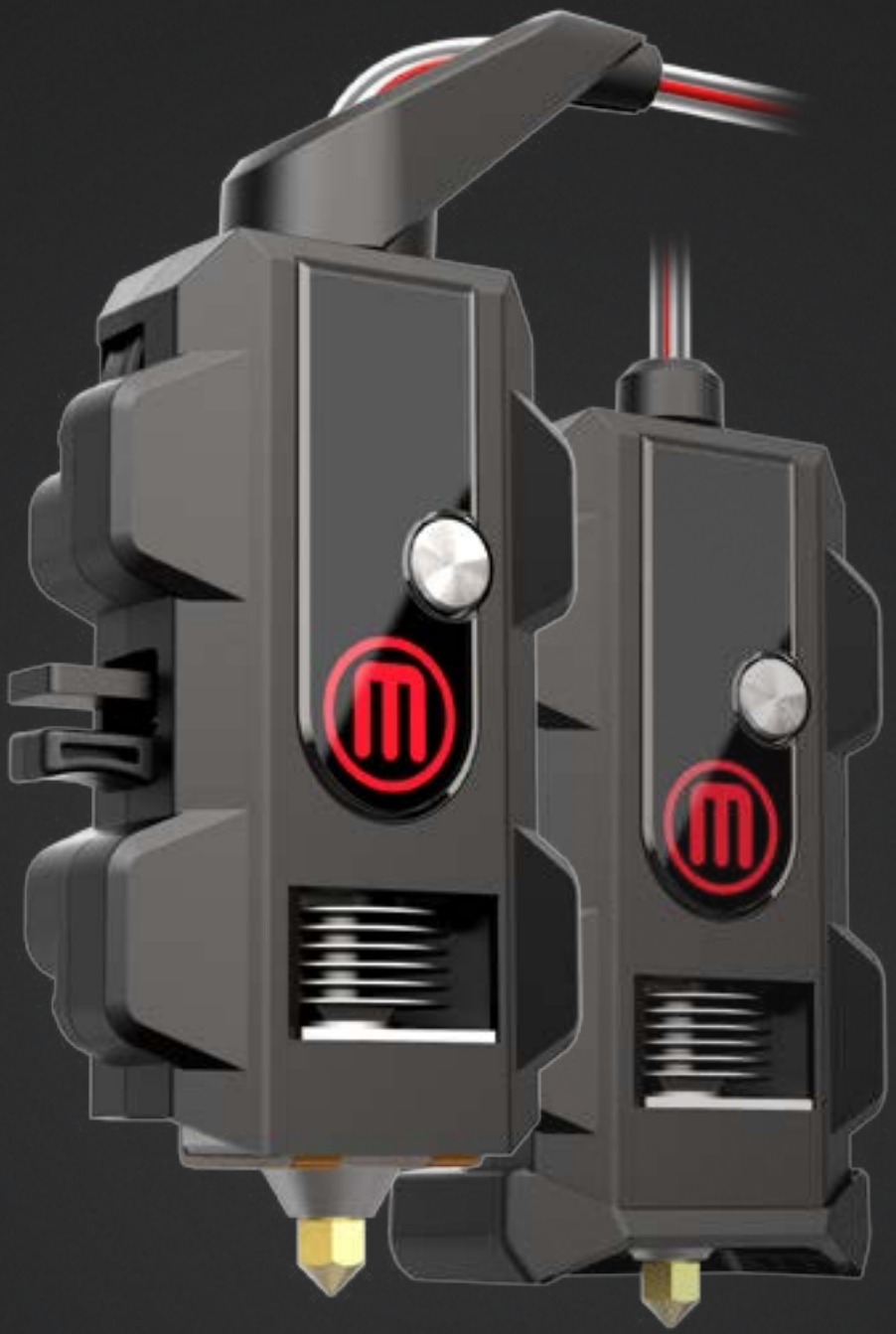
# THE MAKERBOT® SMART EXTRUDER+®

PRINT WITH CONFIDENCE AND EASE

Backed by a 6-month warranty with no exclusions to ensure you get the reliability and results that you would expect from an industry leader in 3D printing.



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# MakerBot® Smart Extruder+®

## Greater Print Success Over a Longer Period of Time



Double the warranty of its predecessor, the Smart Extruder+ is the culmination of rigorous testing and product design that sets a new benchmark in 3D printing. The MakerBot Smart Extruder+ delivers dependable, consistent performance with superior results using MakerBot PLA filament. Inside, improved components and an enhanced sensor system ensure that your printing process is streamlined and reliable from start to finish.

Easy to use, this extruder can be integrated into any workflow and simply swapped out for another to minimize downtime between prints. Engineered and tested for better performance, the Smart Extruder+ will 3D print reliably over a longer period of time.

**FOR THE MAKERBOT REPLICATOR DESKTOP 3D PRINTER & MAKERBOT REPLICATOR MINI COMPACT 3D PRINTER**

- Use with MakerBot Desktop 3.9 and above, MakerBot Firmware 1.9 and above
- Always use MakerBot PLA Filament

### ABOUT THE MAKERBOT SMART EXTRUDER+

**Keep Reliability Close at Hand**

- Engineered with improved components for better print performance:
  - Experience a seamless workflow from the start of a print to completion
  - Faster print start up and easier leveling
  - Backed by an extensive Quality Assurance (QA) operation and technical support team to ensure your success
  - Covered by a 6-month warranty with no exclusions



**Designed for Simplicity**

- A modular design allows users to remove and replace the extruder with ease
- Reduce downtime by replacing a worn Smart Extruder+ without losing a print
- An enhanced sensor system communicates with MakerBot Desktop and MakerBot Mobile to keep you informed. These sensors include:
  - Filament detection sensor pauses a print when filament is absent
  - Jam detection pauses the printer, allowing for print recovery
  - The z-homing and leveling sensors enable accurate and reliable build plate leveling

**FOR THE MAKERBOT REPLICATOR Z18 3D PRINTER**

- Use with MakerBot Desktop 3.9 and above, MakerBot Firmware 1.9 and above
- Always use MakerBot PLA Filament

**Reliability Backed by a Guarantee**

MakerBot stands behind the performance of the Smart Extruder+. To ensure that your experience is as intended, the Smart Extruder+ is covered by a 6-month warranty. Based on our testing, it consistently and reliably prints for over 700 hours. (The vast majority of test units were still printing successfully at 1,200+ hours of print time.) This number is based on our testing and is the equivalent of the following:

- 2,310 meters of filament
- 1.44 miles of filament
- 7 large spools of MakerBot PLA filament

MakerBot

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