

Advanced Protection



Improved top sealing to prevent contaminants from the above

Extra space for sizeable protective gears such as the N95 face mask

Large Space bring enhanced user comfort

The design also allow free breathing



Comfort and Adaptable



Two Sizes: M550 and L600
Adaptable for different people

Enhanced user
comfort using
sponge cushion



Special design of tail
end, elastic strap can
be easily adjusted and
auto-fixed



Compare with Normal Face Shield

Property	Normal	KoIn 3D
Front Protection	✓	✓
Upper Protection	✗	✓
Large Protection Area	✓	✓
Extra Space for N95	✗	✓
Breath Freely	✗	✓

Cutting-Edge R&D

Using the cutting-edge 3D printing technologies and medical industry experience of Koln 3D, we were able to conduct the R&D and manufacture of the novel face shield to meet the requirements of frontline medical professionals.

Cutting-edge technology



Meet requirements of medical professionals



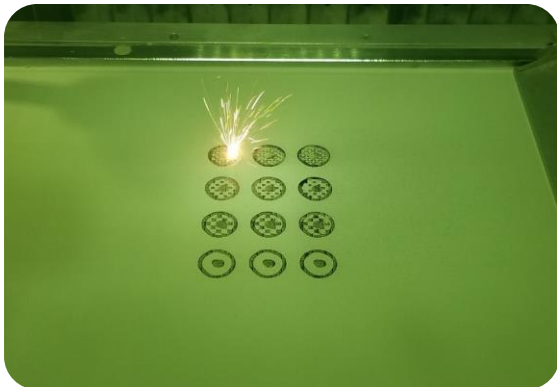
Fast-prototyping and mass production



Computer-aided design



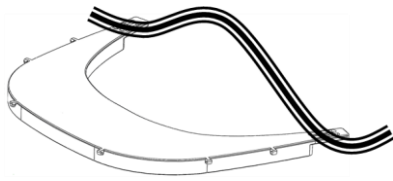
Collaboration with multiple stakeholders



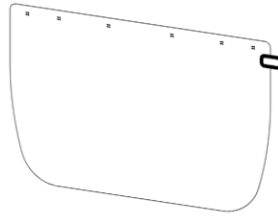
Koln 3D (Zhuhai) has applied a patent for the face shield (Patent pending. Application No.32020002934.8). Koln 3D is now applying the certificates of FDA, EU (CE marking), and CFDA for the novel face shield.



Assemble and Use



Part 1

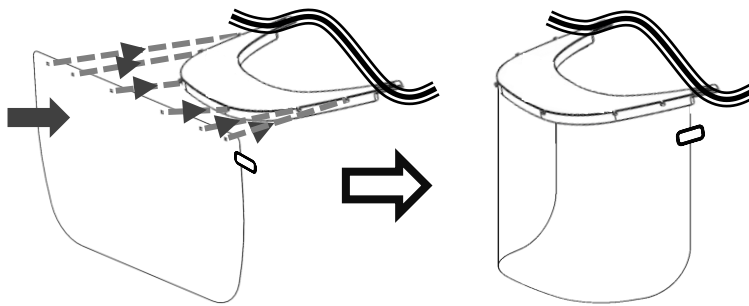


Part 2

Part 1: Plastic headband

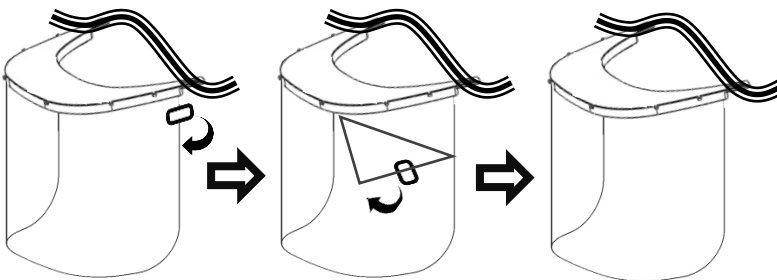
Part 2: Transparent sheet

1



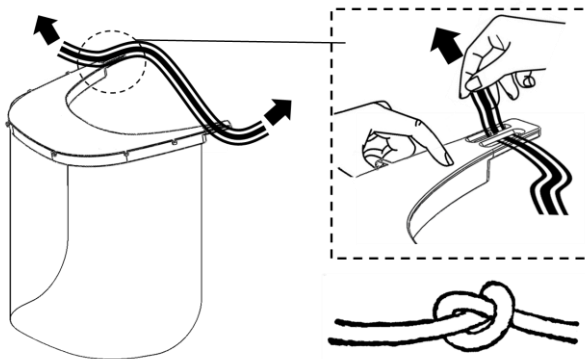
Flat top of plastic headband face upward, attach Part 2 to Part 1. Make sure the side with protective film faces outward.

2



Remove protective film (facing outward) from transparent plastic sheet.

3



Put on the face shield to the comfortable position and angle, adjust the elastic strap by holding one side of the headband by one hand and pull the strap outward by another hand. If needed, tie a loop to adjust the length of the elastic straps.

About Koln 3D

Koln 3D Technology (Medical) Limited was founded in 2013 as the first medical metal 3D printing manufacturer in Hong Kong. We are a personalized medical solution provider, creating products that cater to the unique needs of patients and medical professionals. Our services range from surgical models and jigs to orthopaedic implants. Our novel face shield is supplied to and currently in use in various medical institutes in Hong Kong for the combat with COVID-19.



Koln 3D's Orthopaedic Implants



Koln 3D's Surgical Jigs