

3Dprinter parts & supply material

Maintenance and modify of professional RP system for customer request.

Company

Company was spinout from system computer solution company in 2013. After focus for sales of RP business market in Malaysia. In 2014 company was start of end user sales and change name. New brand is “ Object oven “ and open maintenance factory in KL.

Business operation



- 1 After service and maintenance of RP product.
- 2 Material supply and repair parts sales
- 3 Modify of function for customer in our work shop.

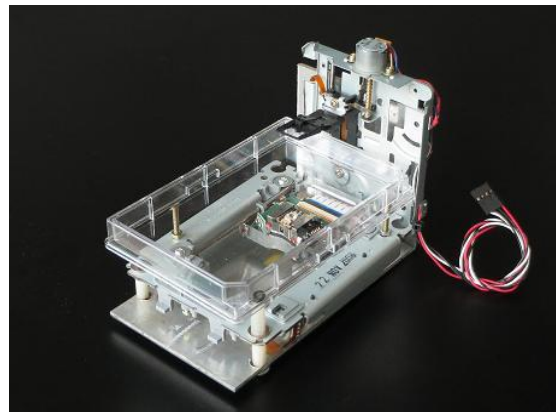
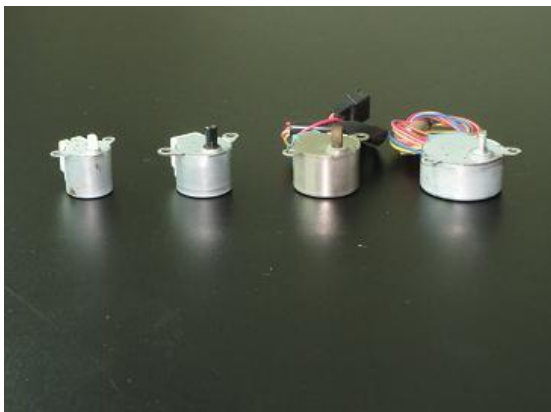
We have many type of parts stock in work shop and sales for business user and personal user. User is easy to choice of parts with staff advice and assemble by own.

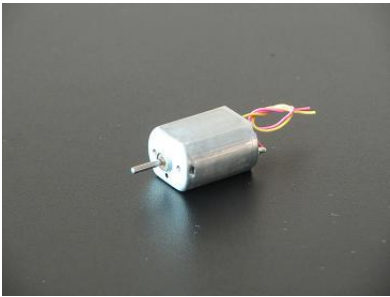
Technology research

We have motion control know how of motor and laser drive and computer I/F technology. Pure technology research and Industry technology is not over cross. We will keep research of his area and create more performance.

Sales product

ARDUINO and compatible parts / 3Dprinter parts / Computer parts





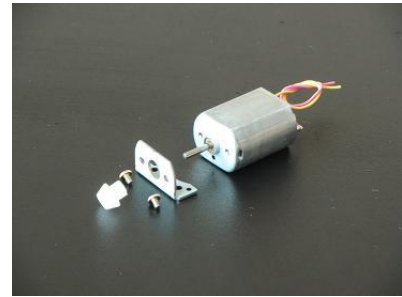
DC MOTOR 5V

**PARTS No,MD01
Price 1 Rm / pcs**



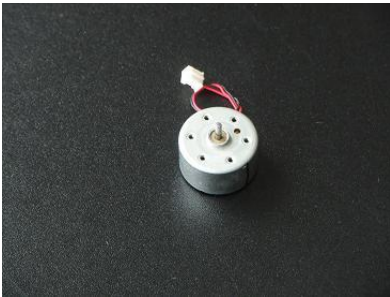
DC MOTOR COVER

**PARTS No,MD01-1
Price 0.3 Rm / pcs**



**DC MOTOR GEAR SET
(with in MOTOR)**

**PARTS No,MD10
Price 1.8 Rm / pcs**



DC MOTOR 5V

**PARTS No,MD02
Price 1 Rm / pcs**



**DC MOTOR GEAR SET
(with in MOTOR)**

**PARTS No,MD20
Price 1.8 Rm / pcs**



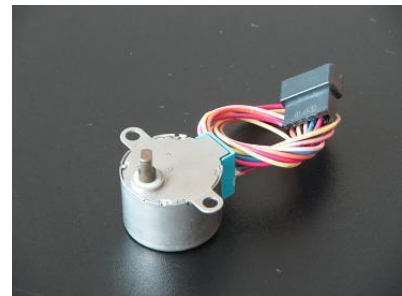
Assemble sample



**20BYJ48-12V 2PHASE
PARTS No,MS20BY12
Price 4 Rm / pcs**



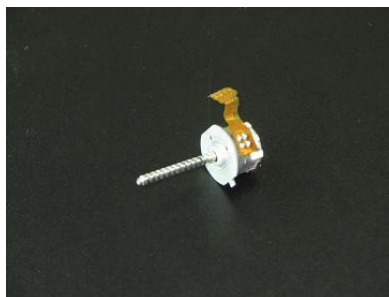
**24BYJ48-12V 2PHASE
PARTS No,MS24BY12
Price 4 Rm / pcs**



**28BYJ48-12V 2PHASE
PARTS No,MS28BY12
3 Rm / pcs**



**35BYJ48-12V 2PHASE
PARTS No,MS35BY12
Price 3 Rm / pcs**



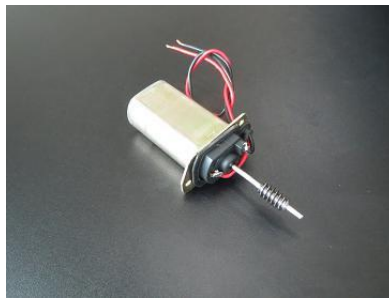
**STEP motor with screw shaft
(max 25mm stroke)
PARTS No,MS10015
Price 4 Rm / pcs**



**STEP motor with screw shaft
with shaft holder (max 35mm stroke)
PARTS No,MS10025
Price 5 Rm / pcs**



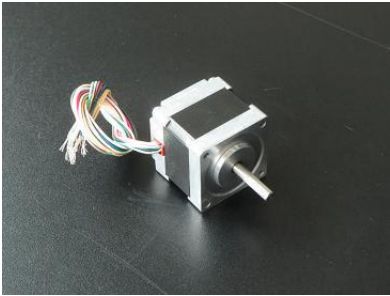
Used DC MOTOR DC3.6V
PARTS No,MD30
Price 4 Rm / pcs



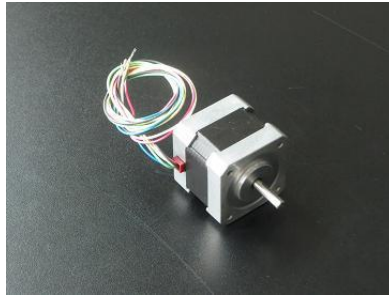
Used DC MOTOR DC12V
PARTS No,MD40
Price 5 Rm / pcs



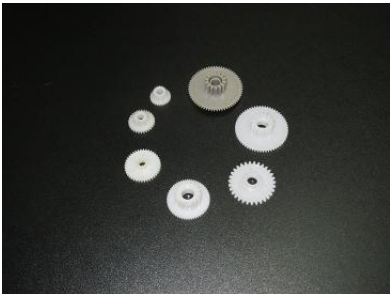
Used DC GEARED MOTOR DC12V
PARTS No,MD30
Price 5 Rm / pcs



ORIENTAL STEP MOTOR PX534MH-A
5PHASE 24V
PARTS No,MS534
Price 60 Rm / pcs



ORIENTAL STEP MOTOR PK244-02A
2PHASE 24V
PARTS No,MS244
Price 55 Rm / pcs



MOTOR GEAR
PARTS No,
Price 0.8Rm / pcs



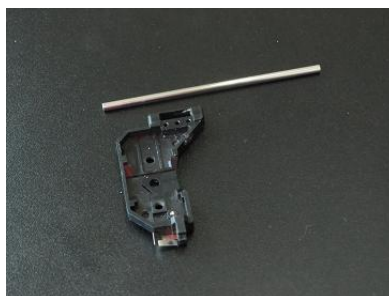
MOTOR PULLY
PARTS No,
Price 0.8Rm / pcs



PULLY BELT
PARTS No,
Price 0.7Rm / pcs



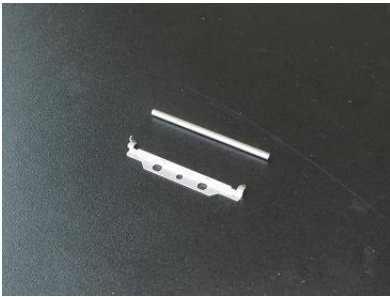
Stainless shaft for X Y axis
(slide length / 25 - 35mm)
PARTS No,SS01 (25mm)
PARTS No,SS02 (35mm)
Price 3 Rm / pcs



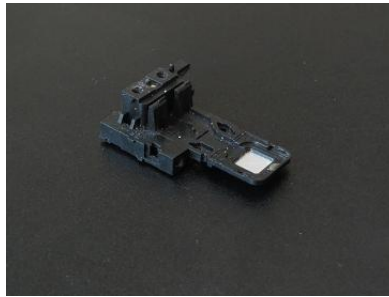
X axis slider (without shaft)
(slide length 35mm)
PARTS No,SX00
Price 5 Rm / pcs



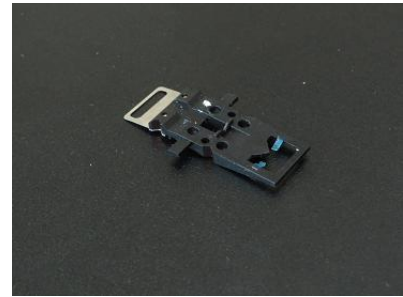
Assemble sample
PARTS No,SS02 plus SX00
Price total 8 Rm



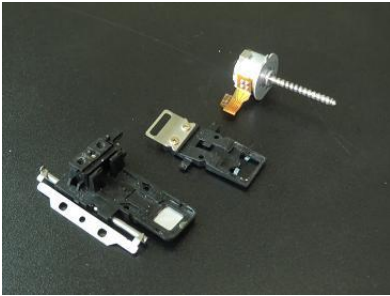
Y axis shaft and attachment
PARTS No,SY00-1
Price 3 Rm / pcs



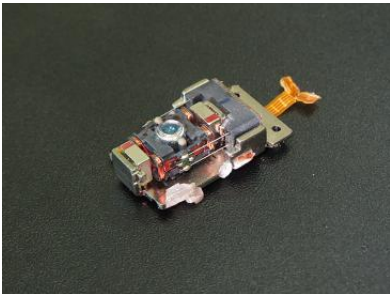
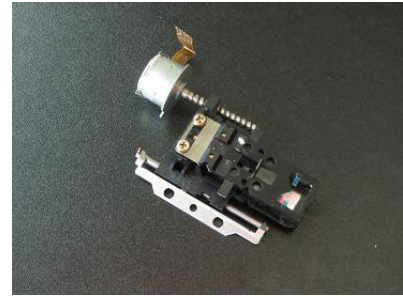
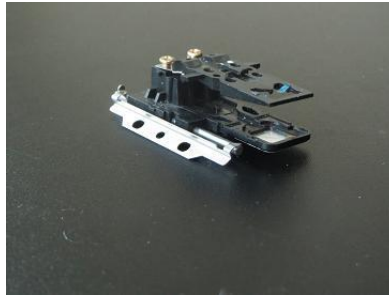
Y axis slider
PARTS No,SY00
Price 2 Rm / pcs



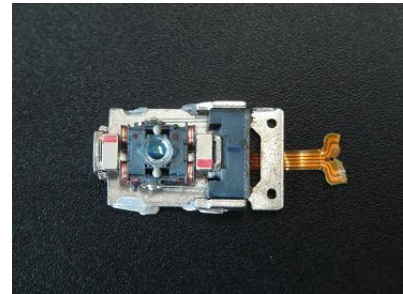
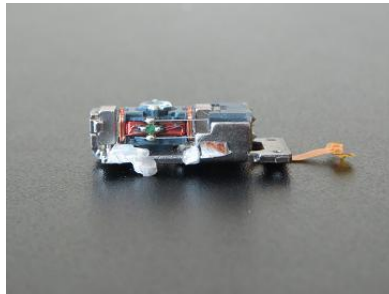
Y axis laser holder
PARTS No,SY01
Price 2 Rm / pcs



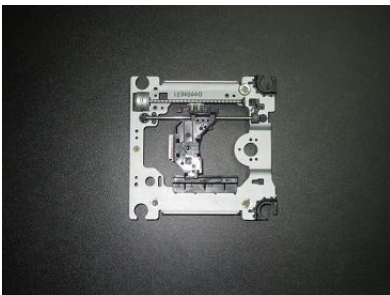
Y axis assemble sample
Full step 0.18mm/p
PARTS No,MS10015 / PARTS No,SY00-1 / PARTS No,SY00 / PARTS No,SY01
Price 11 Rm / pcs



Used Laser head with lens unit (405 or 650nm) **side view**
PARTS No,LL00
Price 3 Rm / pcs



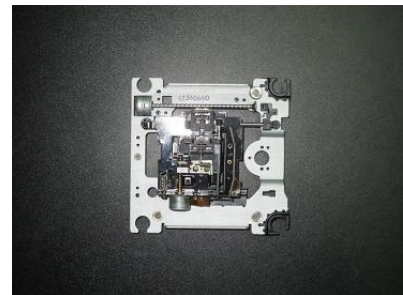
top view



X axis slide unit
Full step 400nm/p
PARTS No,SXB
Price 13Rm / pcs



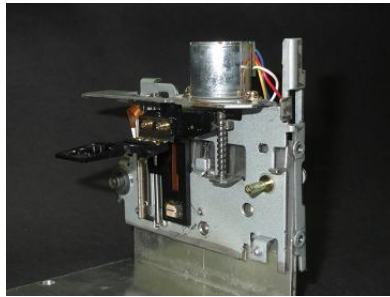
Y axis assemble sample
Price 11 Rm / pcs



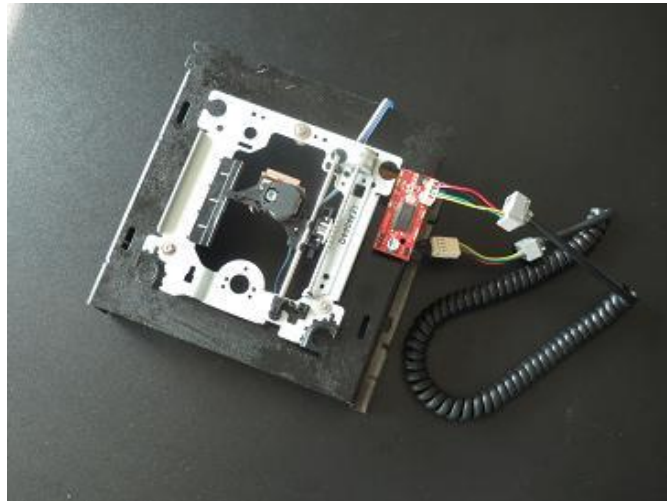
XY axis assemble sample
Price 24 Rm / pcs



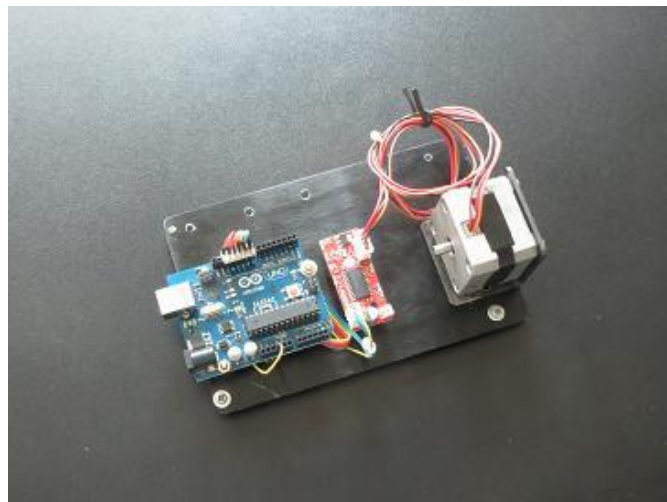
Z axis assemble sample
Full step 0.18mm/p Stroke=25mm
PARTS No,SZ00
Price 11Rm / set Stock 20



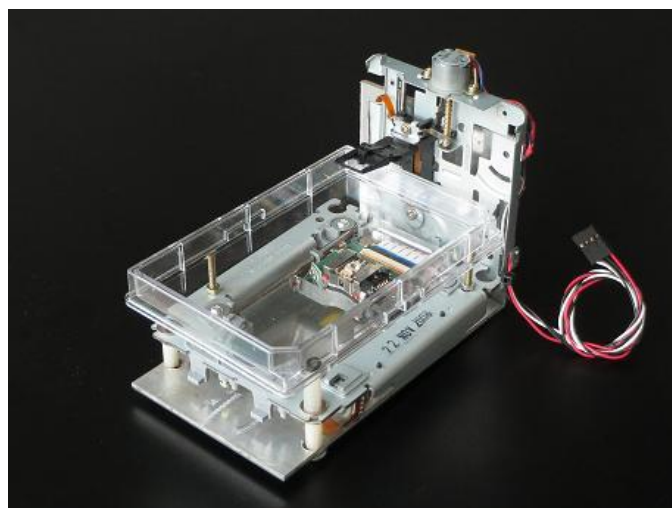
Sample photo



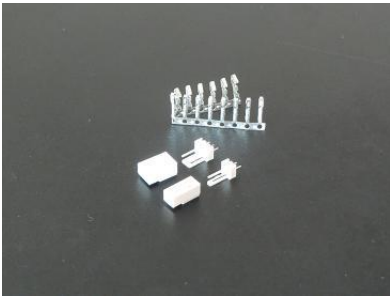
X axis + flexible wire + motor driver



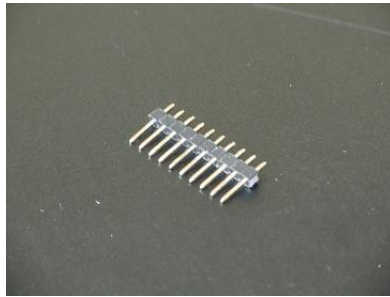
ARDUINO uno + EasyDriver + Step motor



XYZ axis assemble sample



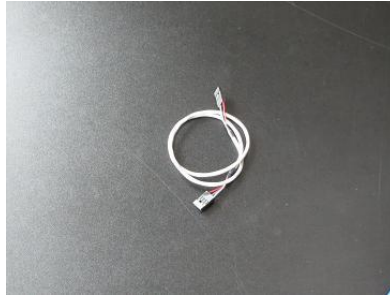
**JUNCTION SET
3P PIN SOCKET**



TEST PIN



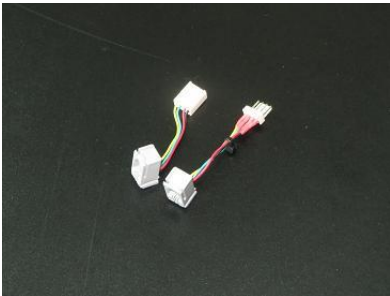
**MOTOR CODE 4P TYPE
PARTS No,MS5
Price 2 Rm / pcs**



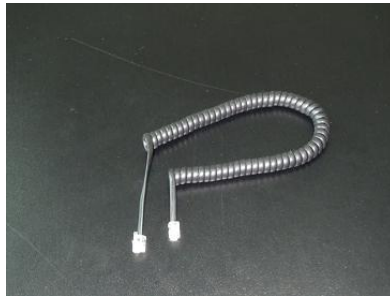
**LASER CODE 3P TYPE
PARTS No,CS5
Price 2Rm / pcs**



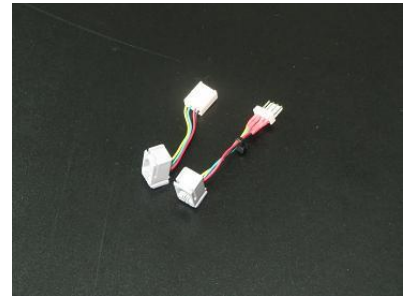
**New RS-232C/USB convert cable
PARTS No,CS1
Price 29 Rm / pcs**



**RJ45 socket and 4Pin
PARTS No,MS00
Price 2 Rm / set**



**Motor cable (2phase 4line)
PARTS No,MS01-black
Price 4 Rm / pcs**



**XYZ motor power cable
PARTS No,MS00T**



EasyDriver & motor connection sample



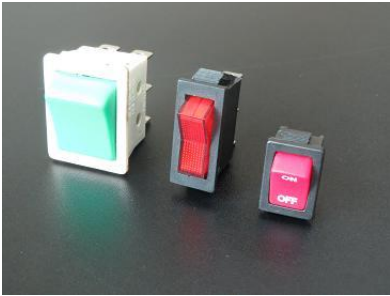
Used SPEAKER 8 Ohm / 0.5W
 PARTS No,SP01
 Price 2 Rm / pcs



Used SPEAKER 16 Ohm / 5W
 PARTS No,SP02
 Price 6 Rm / pcs



Used SPEAKER 8 Ohm / 2.5W
 PARTS No,03
 Price 3 Rm / pcs



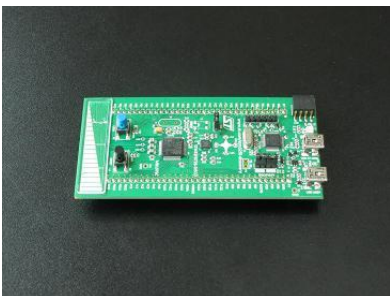
POWER SWITCH
 PARTS No,SW01,02,03
 Price 0.3 Rm / pcs



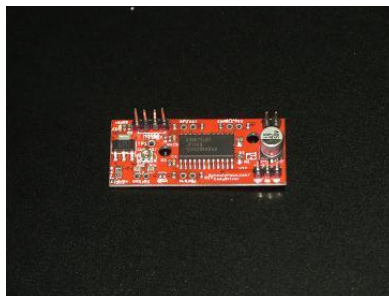
POWER SWITCH
 PARTS No,SWT01
 Price 0.3 Rm / pcs



RESET&LEDLIGHT SET
 PARTS No,CS11
 Price 0.8Rm / pcs



New STMicro technology ARM CoreM072P **New** EasyDriver
 (32bit RISC MCU DISCOVER)
 PARTS No,ES072
 Price 7 Rm / pcs



PARTS No,EE00
 Price 10 Rm / pcs



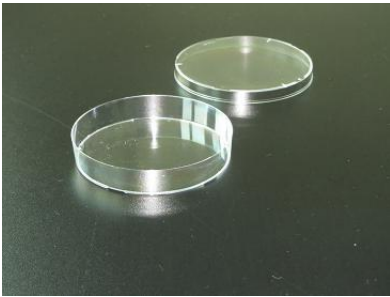
Audio I/O
 PARTS No,EA00
 Price 1.4 Rm / pcs



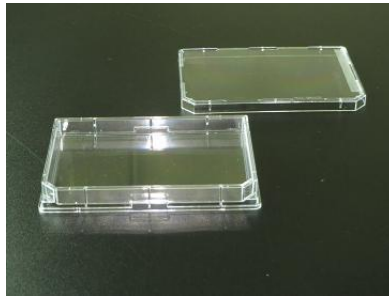
New STMicro technology
 Darlington Transistor Array
 ULN2803A
 Price 0.6 Rm / pcs



New TEXAS INSTRUMENT
 Darlington Transistor Array
 ULN2803ADWR
 Price 0.6 Rm / pcs



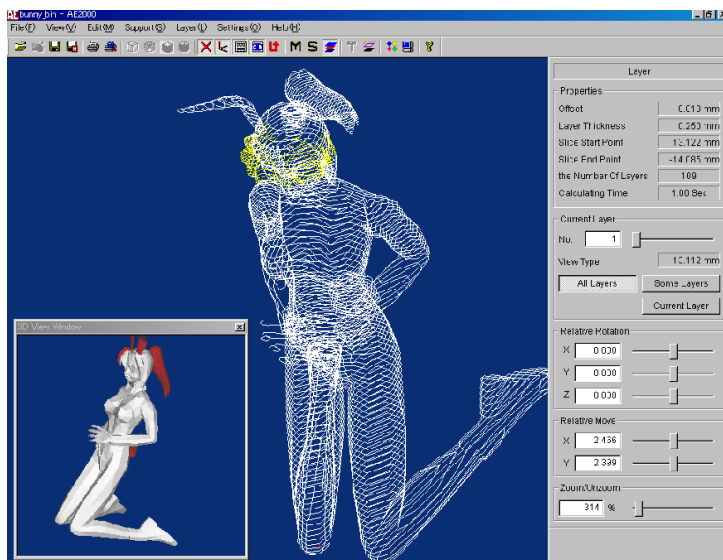
Resin tank with circle shape
PARTS No,PP01
Price 2.1 Rm / pcs



Resin tank with square shape
PARTS No,PP02
Price 7 Rm / pcs



3Dprinter SLA type assemble sample



STL data edit software
For MSwindows
Rm / License

Rapid Prototype Technology Research Library

C language library for develop of STL form (source code)

Data edit tool

Break point (Triangle point / edge line) select and output

Break area filling (Create of surface in brake space)

Original surface plus new break area data

Slice of STL data

Out put of slice data

Cut of same point or line or triangle surface

Standard general function

Data convert tool

Unix (BSD/Solaris/Linux/SG) MSWindows (95/98/ME/2000/XP/Vista/7/8)

DXF (surface) form to STL form

DICOM form to STL form

FEM (ANSIYS) grid form to STL form

Computational grid

Deformation difference

Image data form (Mono) to STL form

Hardware control tool

Data convert of object outline data to laser scan

Data convert of object outline data to projection image data

Motor motion control subroutine

Hardware simulation kit

SLA type

USB I/F (with in ARDUINO uno)

XYZ axis slider and motor include

Projection type

USB I/F (with in ARDUINO uno)

Z axis slider and motor include

C language library for develop of STL form type (source code)

Target OS

Unix (BSD/Solaris/Linux)

MSWindows (95/98/ME/2000/XP/Vista/7/8)

Object code

Unix (BSD/Solaris/Linux)

MSWindows (95/98/ME/2000/XP/Vista/7/8) MSVisual Basic C++ source code library

Att

Intel Galileo Gen 2



Please abide by following notifications in order to use RPS (Rapid Prototype System Product) safely.



Laser beam generating unit

This unit adopts laser which comply with CLASS 3B standard. Please don't see and touch laser beam directly.

Installation place

The sunlight and the part of room light consist of waves which can harden this light harden resin. Internal room of the unit should not be irradiated by these waves. Please take attention to select the installation place and keep light hardening resin in the dark and cool places.

Temperature control

The light hardening resin of this unit is not suitable to use under the circumstances of high temperature & high humidity and cold places. From the reason the condition of the installation place should be keep around 10~25C and low humidity which can be obtained by air condition system.

Air condition control

The light hardening resin of this unit has the weak odor. This unit has the airtight structure during its door is closed. But when its open and closed, there is possible to leak odor. Please circulate fresh air in the place using ventilator or air-conditioner.

Washing facilities

This light harden resin is the low skin irritation material. But in case of sticking to the hands, please wash hands immediately. Or consult with doctor in follow the situation. Please prepare washing facilities in the place.

Fire

This light harden resin is inflammable. Please keep it distance from the inflammable things, during it or keeping it.

Vibration

This unit should be installed in the no-vibrated and horizontal place.

Ground

Please connect earth cable to the ground correctly. If not possibility occur malfunction or electric shock and don't connect earth cable to the gas pipes absolutely.

Confirmation of safety

Please read the instruction manual very carefully before starting to use this unit and use it correctly. When you encounter uncertain and unknown points of this unit during using it. Please ask us and solve these. After confirming the safety, use it again.

The condition of warranty

The warranty period is the one year for basic composition parts (with out used parts). Please ask us detail for the other things.

LASER PRODUCT ATTENTION



CLASS 1 LASER PRODUCT

APPAREIL A LASER DE CLASSE 1

LASER SCHUTZ KLASSE 1 PRODUKT

DANGER VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID DIRECT EXPOSURE TO BEAM

MOTOR PRODUCT ATTENTION



Motor and sub motor parts is heat up when operation. Please don't touch without body protection.

CHEMICAL PRODUCT ATTENTION



Thermo fusion polymer and photo cure polymer is not safe for human body. Please carefully read operation manual and product spec before use.

This summary of the contents and the specification indicated is carried out in Japan and Taiwan R.O.C and Hong Kong and Malaysia of November-01-2014 and it may be changed without a preliminary announcement.

Agent in Malaysia

Distribute by

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Copy light Object oven original