



# BEIJING HONGDEE CORPORATION

*15 years of making tables and refraction units*



Instrument Table & Refraction Unit



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## Manufacturing facility equipped with advanced processing equipments

- 6000 square meters with two storey building, 1st floor to do the processing of the parts, and 2nd floor to do the assembling.



- Complete set of manufacturing processing machines.



Laser cutting



Laser cutting machine



CNC processing center



Welding



Polishing



Spray paint



Ball blasting

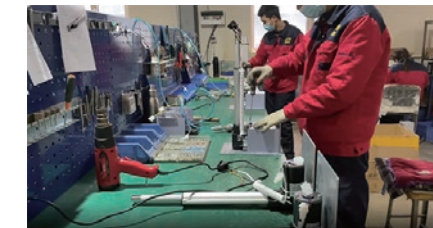


Drilling machine



Bender

- 4 assembly lines for instrument table and refraction units.



- Monthly production capacity : 4500 units for instrument table and 450 units for refraction units.



## Experienced in doing OEM for the well-known manufacturers



## ISO13485 and ISO9001 certified and SGS verified







HD-20T



HD-16



HD-18A



HD-18AE



HD-18B



HD-18C



HD-40



Jack pro

## Features

Compact and portable. Takes up very few space.  
Metal base makes it durable and long standing for use.

High quality casters provide safe and easy movement.  
One power outlet right beneath the tabletop for easy connection to the equipment.

## SPECS

**Table top size:** 450x550mm(17.7"x21.6")

**Elevation range:** 645mm-815mm(25.4"x32.1")

**Max Load:** 50kg(110LB)

**Voltage:** 220V/50HZ or 110V/60HZ

**Power:** 50W

**Weight:** 20kg(44LB)



HD-18A



HD-18AE

## Features

The HD-18AE has no drawers.

The HD-18AE has no cable holder.

The desktop size is smaller than the HD-18A.

## SPECS

**Table top size:** 400x480mm(15.7"x18.9")

**Elevation range:** 645mm-815mm(25.4"x32.1")

**Max Load:** 50kg(110LB)

**Voltage:** 220V/50HZ or 110V/60HZ

**Power:** 50W

**Weight:** 20kg(44LB)



## Features

WCT-100 is a newly designed motorized instrument table specifically for the auto perimeter. More than that, specially designed metal base makes it wheel chair accessible, which facilitates a lot for the patient with disability to do the eye exam. It comes with a printer holder as standard configuration.



## SPECS

**Elevation range:** 700-900mm

**Tabletop size:** 500x920mm

**Printer holder:** available as standard

**Package dimensions:** 1035x700x470mm

**Net weight:** 50kgs





## Features

1. Designed to accommodate a set of ophthalmic diagnostic equipment, such as the slit lamps, retina camera, OCT etc;
2. High quality motorized instrument table with adjustable height;
3. Four wheels with lock to provide free movement and stability;
4. Low noise, very quiet.

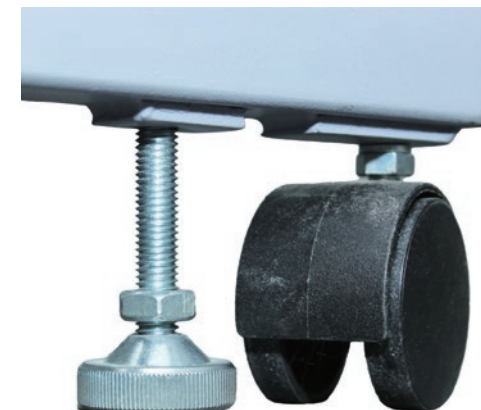
## SPECS

1. **Table top size:** 490x510mm (Small)  
480x810mm (big)
2. **Range of the elevation:** 660mm-880mm
3. **Load capacity:** 80kg
4. **Low noise motor less than 55db**
5. **Weight:** 23 kg



## Stability and durability

- ① Unique design of fixation bolt provides more stability.



- ② Addition of the UV ensure the paint will not go off, keep the table tidy and clean.  
( uv fire-proof cover painted with UV)



- ③ Two different size table top available to seat a wide variety of equipment.



- ④ Drawer is optional to meet the diversified needs of the doctors.



- ⑤ 4 fuses adopted to offer additional protection.



## Features

Sleek design, larger table top to hold big size equipment like auto refractometer, NCT etc.  
Metal casters provides easy movement and high durability.  
Metal base guarantees high reliability and durability.  
Two outlets provide additional power supply.  
The cable holder underneath the table top keeps the HD-18T design smooth and contemporary.  
All cables of instruments installed on the tabletop can invisibly be guided through the cable holder.

### SPECS

**Tabletop size:**

450x550mm

**Load capacity:**

50kgs(110LB)

**Noise level:**

less than 48db

**Elevation range:**

660mm-860mm(25.6"-33.8")

**Voltage:**

110V-220V

**Net weight:**

24kg(52.8LB)

**Package measurements:**

660X510X360mm



## Features

Big table top ideal for placing larger equipment or two small equipment, like the auto refractometers.  
Elegant and streamlined design;  
Metal base makes it durable and long standing for use.  
High quality casters provide safe and easy movement.

### SPECS

**Table top size:** 750mmx480mm

(29.5"x18.9")

**Elevation range:** 670mm-870mm

(26.4"x34.2")

**Max Load:** 50kg(110LBS)

**Voltage:** 220V/50HZ or 110V/60HZ

**Power:** 50W

**Weight:** 20kg(44LBS)



HD-18B

V S

HD-18C

## Features

Compact and portable. Takes up very few space.  
Metal base makes it durable and long standing for use.  
High quality casters provide safe and easy movement.  
One power outlet right beneath the tabletop for easy connection to the equipment.

### SPECS

**Table top size:** 900x450mm(35.4"x17.7")

1000x550mm(39.4"x21.7")

**Elevation range:**

685mm-885mm(26.9"-34.8")

**Load:** 50kg(110LB)

**Voltage:** 220V/50HZ or 110V/60HZ

**Weight:** 38kg (83.6LB) for small table top  
42kg (92.4LB) for big table top





## Features

Larger table top can seat a wide variety of equipment like the specular microscope, retinal camera, slit lamp etc.  
Two table top size available to satisfy the needs of installing different instrument.  
Easily adjustable monitor arm to offer convenient display at your own preferences.

## SPECS

**Table top size:** 1170x843mm(46"x33.1") or 1180x710mm(46.5"x27.9")  
**Elevation range:** 690mm-890mm(27.2"-35")  
**Voltage:** 220V/50HZ or 110V/60HZ  
**Fuses:** 6A 250V AC  
**Weight:** 77kg(154LB)



HD-20



HD-20T

## Features

HD-20T is specifically designed to accommodate the ophthalmic diagnostic equipment which require additional monitor and computer to display the images taken by the equipment, such as the OCT, optical biometry, specular microscope, etc.  
It consists of two separate table tops, one is to seat the diagnostic equipment and the other one is for the keyboard and mouse.

## SPECS

**Unit Measurements:** 1120mm×580mm×(680-880)mm  
**Tabletop size for equipment:** 550mm×550mm  
**Tabletop size for keyboard and mouse:** 550×400mm  
**Weight:** 72Kg  
**Max load:** 50Kg  
**Voltage:** 100-220Vac±10%(50/60Hz)  
**Power:** 220VA



## Features

Long table top adopted to seat larger ophthalmic diagnostic equipment like the auto auto perimeters, OCT.  
Wide range of elevation movement.  
Metal base makes it durable and long standing for use.  
Heavy duty casters provide safe and easy movement.  
Computer holding bracket underneath the table top is available upon the request.

## SPECS

**Table top size:** 920mmx575mm(36.2"x22.6")  
**Elevation range:** 665mm-865mm(26.2"x34.1")  
**Max Load:** 50kg(110LBS)  
**Voltage:** 220V/50HZ or 110V/60HZ  
**Power:** 50W  
**Weight:** 35kg (77LBS)





## Features

WCT-100 is a newly designed motorized instrument table specifically for the auto perimeter. More than that, specially designed metal base makes it wheel chair accessible, which facilitates a lot for the patient with disability to do the eye exam. It comes with a printer holder as standard configuration.

## SPECS

**Elevation range:** 700-900mm  
**Tabletop size:** 500x920mm  
**Printer holder:** available as standard  
**Package dimensions:** 1035x700x470mm  
**Net weight:** 50kgs



## Ophthalmic Refraction Unit



HD-100



HD-120



HD-700C



HD-3200



Hulk



Titan



### Titan

The Titan is equipped with a safety-stop mechanism called “emergency brake lever” which guarantees patients safety when operating the elevation of tabletop or chair.



### HD-3200

Larger table top to accomadate a wide variety of equipment like the auto refractometer, retinal camera, slit lamp etc.



### HD-120

Specially designed tabletop offers much working space and equipped with collision-proof switches. Touch control board makes it easy to adjust the table position.



### Hulk

A comfortable and stable workstation integrated with electrical elevation chair and rotary table top. Trial lens drawer is configured right in the front beneath the table top for convenient reach out.

## Features

Manually adjustable phoropter arm to fit different individual needs.  
Sliding table to move the auto refractometer to align the best exam position with the patient.  
Integrated control panel and the trial lens drawer  
Equipped with a safety-stop mechanism called “emergency brake lever” which guarantees patients safety.

## SPECS

### Size of table top:

1000mmx520mm(39.4"x20.5")

### Elevation range of chair:

520-670mm(20.5"-26.4")

### Rotation degree of table:

0-90°

### Trial lens Drawer size:

590x380x60mm  
(23.2"x14.9"x2.4")

### Phoropter arm vertical swing degree:

25°

### Lamp Power:

9W/220 LED

### Power supply:

220V/50HZ or 110V/60HZ

### Fuses:

6A 250V AC

### Input power:

220W

### Net Weight:

155kg(341LB)

### Table:

105kg(231LB)

### Chair:

50kg(110LB)





## Exam chair and stand

Hongdee is happy to introduce the new model ophthalmic exam chair and stand with a totally new design and comprehensive functionality. Besides incorporating all of the current existing functions available in the market, the main move of the chair and stand are all going electric, like the recline, rotation, up and down elevation. Now just with one touch of the buttons, then moves will go automated. Rotation in particular, will dramatically change the way the chair is used to be rotated, which will bring the exam operation up to a new level of ease and comfort.

Adopted with the heavy duty actuators, the chair can support the weight up to 300kgs, which can cover the majority needs.

Emergency brake lever is equipped to prevent the table to hurt the patient during the up and down elevation.

Three charging wells available to meet the needs of the massive uses of ophthalmoscope and retinoscope during the daily exam.



## Features

1. motorized moves of chair and stand: up and down elevation, recline, rotation all goes electrically;
2. Adjustable phoropter arm height: the phoropter arm height can be adjusted as well to cater to the exam for taller people;
3. 4 buttons to control the move of chair and stand: 4 buttons located on the slit lamp arm right close to the doctor for easy reach and operation;
4. Foot pedal available to free operation by hands;
5. 3 charging wells as standard configuration for charging the ophthalmoscope and retinoscope.

## Features

Larger table top to accomodate a wide variety of equipment like the auto refractometer, retinal camera, slit lamp etc.

Sliding table makes it easy to align the equipment with the patient when conducting different exam.

Auto motorized swing phoropter arm offers ease of use in operation

The swiveling table and the control panel are clearly arranged within easy reach

The HD-3200 is equipped with a safety-stop mechanism called "emergency brake lever" which guarantees patients safety when operating the elevation of tabletop or chair.

### SPECS

**1.Size of table:** 915\*420mm(36"x16.5")

**2.Table top sliding range:** 0-380mm  
(0-14.9")

**3.Elevation range of chair:**  
520-670mm(20.5"-26.4")

**4.Table Rotation degree:**  
0-90° counter-clockwise

**5.Charging port:**  
2 pcs for ophthalmoscope

**6.Top lamp:**  
9W/220V LED

**7.Fuse:**  
6A 250VAC

**8.Rating input voltage:**  
220V/50HZ or 110V/60HZ

**9.Max. Input power:**  
300VA

**10.Weight:**  
160kg(352LB)



## Features

Perfect working platform for the ophthalmic diagnostic and examination.

Specially designed tabletop offers much working space and equipped with collision-proof switches.

All kinds of auxiliary accessories installed such as the monitor bracket, power outlets, drawer for the trial lens set etc.

Touch control board makes it easy to adjust the table position.

Charging dock available for the hand-held ophthalmoscope and retinoscope.

### SPECS

**Sliding range:** 480mm(18.9")

**Elevation range:** 705mm-855mm(27.8"x33.7")

**Voltage:** 220V-240V

**Power:** 200VA

**Power of bulb:** 8W

**Weight:** 120kg (264LBS)





## Features

A comfortable and stable workstation integrated with electrical elevation chair and rotary table top.

Swiveling supporting bracket to accommodate the auto refractometer for ease of use.

Automated linear phoropter arm can be adjusted automatically to the best working distance to offer quick workflow.

Integrated control panel allows the users to control the elevation of the chair and the room illumination light.

Trial lens drawer is configured right in the front beneath the table top for convenient reach out.

The Hulk is equipped with a safety-stop mechanism called “emergency brake lever” which guarantees patients safety when operating the elevation of tabletop or chair.

## SPECS

**Elevation range of chair:** 520-670mm(20.5"-26.4")

**Rotation degree of table:**0-90°

**Trial lens Drawer size:** 590x380x55mm(23.2"x14.9"x2.2")

**Phoropter arm elevation range:** 1340-1640mm(52.8"-64.6")

**Phoropter arm Swiveling degree:** 0-90°

**Lamp Power:** 9W/220 LED

**Size of table top:** 1000mmx520mm  
(39.4"x20.5")

**Power supply:** 220V/50HZ or 110V/60HZ

**Fuses:** 6A 250V AC

**Input power:** 300W

**Net Weight:** 150kg(330LB)

**Table:** 90kg(198LB)

**Chair:** 60kg(132LB)



## Features

The HD-220 is equipped with a safety-stop mechanism called “emergency brake lever” which guarantees patients safety when operating the elevation of tabletop or chair.

The smooth streamlined design makes it compact and convenient, and it can be used well in optical shops with a small area in shopping malls.

The top of the arm is equipped with an LED light source with sufficient light; the drawer can hold a complete set of trial lens set for the optometrist to operate and use conveniently.

## SPECS

**Input power:** 220V/50HZ

**Maximum power:** 200W

**Top light:** 9W/220V (LED light)

**Main machine lifting range:** 650-900mm

**Drawer capacity:** 450\*390\*58mm

**Desktop:** 730\*480mm

**Floor area:** 650\*660\*1800(H) mm

**Net weight:** 100Kg



## Features

Chart projector stand and phoropter arm are all built onto unit completely as a whole system;

Sliding table to accomodate large equipment and easy to align with patient;

Manual height adjustable phoropter arm fit for different patient's test

Ergonomically designed trial lens set drawer right underneath the table, within easy reach.

## SPECS

**Table top size:** 1020x520mm(40.2"x20.5")

**Drawer size:** 590x380x60mm(23.2"x14.9"x2.4")

**Elevation range:**

685mm-935mm(26.9"-36.8")

**Voltage:** 220V/50HZ or 110V/60HZ

**Power:** 330W

**Weight:** 120kg(264LB)



## Features

Recline bar control available to fully tilt the chair to a maximum angel of 90 degrees;  
 Upholstered armrests for comfort;  
 One chair locks allows for max 360 degrees rotation;  
 Fully rotary and counter balanced slit lamp arm;  
 Overhead lamp with 7 levels of adjustable brightness.  
 3 charging ports for multiple devices charging;  
 3 ways to control the elevation of the table  
 multiple head rest positions to ease of comfort ;  
 fixation screws available for the chair and stand base to make it more stable;  
 Foot pedal included as standard configuration.

## SPECS

- 1.Phoropter swing arm:** Swing angle(up and down) $\pm 30^\circ$   
**Rotary arm:** rotation angle  $0^\circ$ - $300^\circ$   
**Up and down moving range:** 900mm(lowest point)+600mm  
**Max load:** 30kg
- 2. The curvature of instrument:** Swing angle (up and down) $\pm 40^\circ$   
 The first rotary arm rotates at an Angle $360^\circ$ ;  
 The second rotary arm rotates at an Angle $0^\circ$ -  $300^\circ$   
 The tray can be  $360^\circ$  rotation  
**Up and down moving range:**780mm(lowest point)+600mm  
**Max load:** 30kg
- 3.Projection arm:** Angle of rotation for rotary arm $360^\circ$   
 The tray can be  $360^\circ$  rotation  
**Up and down moving range:** 1030mm(lowest point)+500mm  
**Max load:** 10kg
- 4.Table size:** 350mm x 200mm x 25mm  
 (Can be customized,  
 maximum size is 700mm x 400mm x 40mm)  
**Max load:** 50kg
- 5.Table movement range:**  
 within a semicircle with a radius of 824mm;  
 vertical movement: 716mm(lowest point) +  $300\pm 5$ mm  
 Installation Dimension  
 1884mm x 1316mm x 1663mm  
 (Not including table top or lighting)



## Features

The swiveling equipment holder is specifically designed to seat the auto refractometer, and auto phoropter control board for easy use.  
 Auto elevation linear phoropter arm, The swiveling table, trial lens set holder and the control panel are clearly arranged within easy reach.  
 Equipped with a safety-stop mechanism called “emergency brake lever” which guarantees patients safety when operating the elevation of tabletop or chair.

## SPECS

- 1.Size of table top:**  
 1130\*520mm(44.5"x20.5")
- 2.Elevation range of table:**  
 680-880mm(26.8"-34.6")
- 3.Elevation range of chair:**  
 520-670mm(20.5"-26.4")
- 4.Elevation range of phoropter arm:**  
 1300-1650mm(51.2"-64.9")
- 5.Phoropter Rotation degree:**  
 $0^\circ$ - $90^\circ$
- 6.Table rotation degree:**  
 $0^\circ$ - $90^\circ$
- 7.Charging port:**  
 2 pcs for ophthalmoscope
- 8.Top lamp:**  
 9W/220V LED
- 9.Fuse:**  
 6A 250VAC
- 10.Rating input voltage:**  
 220V/50HZ or 110V/60HZ
- 11.Max. Input power:**  
 300VA
- 12.Net weight of whole table:**  
 180kg(396LB)
- 13.Net weight of Chair:**  
 50kgs(110LB)







## SPECS

1. **Elevation range:** 580mm-730mm
2. **Rotation:** 45 degrees to left and right
3. **Package:** 77x85x119cm
4. **GW:** 90kgs



## Features

1. Upholstered and individually retractable armrest for ease of use;
2. High tech leather is easy to clean and wear-proof, can withstand for heavy use for many years. It is available in 4 different colors to meet different doctor's needs;
3. High density foam material provides offers much comfort during the whole exam than the tradition sponge material. No distortion after heavy use.
4. Rotation to the right and left side for 45 degrees;
5. Foldable foot pedal for easy operation;
6. Compatible with all of the Hongdee refraction units.

## EC-100

- Angle of rotation for chair:  $\pm 60^\circ$
- Lifting height for chair: 460~600mm
- Loading for chair: 150kgs
- Lifting height for pillow:  $\leq 150\text{mm}$
- Backrest obliquity:  $90^\circ \sim 135^\circ$
- Input voltage:  $230\text{V} \pm 10\%$
- Engine power: 140W
- Fuse: 5A 250V
- Figure size: 700mm×900mm×1400mm
- Weight: 60kgs



EC-100



EC-300

## EC-300

1. Chair rotation angle:  $0^\circ - 270^\circ$
  2. Backrest adjustment angle:  $80^\circ - 180^\circ$
  3. Headrest adjustable in a semicircle area of 250mm radius.
  4. Chair max load: 150Kgs.
- Electrcal Parameters
1. In voltage: 100-115V AC 50Hz/60Hz  
240V AC 50Hz/60Hz
  2. Output voltage: 100-115V AC 50Hz/60Hz  
(The optional) 240V AC 50Hz/60Hz
  3. Engine power: 28V 1.5A DC
  4. Fuse: 5A 130/250V AC
  5. No load power: 1W
  6. Pressure test: 2KV
  7. Working mode: S1
  8. Main wire: 10A 120V/250V
  9. Working temperature:  $-10^\circ\text{C} \sim +40^\circ\text{C}$
  10. Figure size: 1884mm×1316mm×1663mm
  12. Weight: 145kgs



## Key Features

- Five different stool styles to meet any specific need
- HS-100 Round stool with no back
- HS-200 Round stool with back
- HS-300 Contoured stool with back adjustment
- HS-400 stool with foot holder and back
- HS-500 stool with back adjustment and self-lock casters
- Extended pneumatic elevation(8 inches)
- Premium casters roll well on carpet and floor

Hongdee is pleased to introduce a new line of stools which are specifically designed for doctors like dentists, ophthalmologists, optometrists to facilitate the operation during the exam.

The stools come with different configurations to meet different specific needs. Casters, cylinders, seats etc can be customized upon request.



## HS-100

Seat size:360mm(14")  
 Seat foam thickness:65mm(2.55")  
 Retracted seat height:483mm(19")  
 Extended seat height:686mm(27")  
 Back size:NA  
 Base footprint:610mm (24")  
 Elevation control:Side lever  
 Caster type:6CM(2.4")in Dual  
 Weight capacity:250KGS(550LBS)  
 Shipping weight:5.9KG(13LBS)  
 Volume:0.08m\*m\*m  
 Movement  
 Elevation stroke:203mm(8")  
 Back adjustment range:N/A  
 Appearance  
 Upholstery color:At your choice  
 Cylinder color:Black/Chrome  
 Base color:Black/Chrome  
 Caster color:Black/black and white

## HS-200

Seat size:360mm(14")  
 Seat foam thickness:65mm(2.55")  
 Retracted seat height:483mm(19")  
 Extended seat height:686mm(27")  
 Back size:345mm×150mm(13.6"×5.9")  
 Base footprint:610mm (24")  
 Elevation control:Side lever  
 Caster type:6CM(2.4")in Dual  
 Weight capacity:250KGS(550LBS)  
 Shipping weight:7.6KG(13LBS)  
 Volume:0.08m\*m\*m  
 Movement  
 Elevation stroke:203mm(8")  
 Back adjustment range:N/A  
 Appearance  
 Upholstery color:At your choice  
 Cylinder color:Black/Chrome  
 Base color:Black/Chrome  
 Caster color:Black/black and white

## HS-300

Seat size:425×385mm(16.7"×15.2")  
 Seat foam thickness:55mm(2.17")  
 Retracted seat height:507mm(20")  
 Extended seat height:712mm(28")  
 Back size:397mm×175mm(15.6"×6.9")  
 Base footprint:610mm (24")  
 Elevation control:Side lever  
 Caster type:6CM(2.4")in Dual  
 Weight capacity:250KGS(550LBS)  
 Shipping weight:8.9KG(13LBS)  
 Volume:0.08m\*m\*m  
 Movement  
 Elevation stroke:203mm(8")  
 Back adjustment range:N/A  
 Appearance  
 Upholstery color:At your choice  
 Cylinder color:Black/Chrome  
 Base color:Black/Chrome  
 Caster color:Black/black and white

## HS-500

Seat size:462×415 mm(18.2"×16.3")  
 Seat foam thickness:70mm(2.76")  
 Retracted seat height:483mm(19")  
 Extended seat height:686mm(27")  
 Back size:390mm×200mm(15.4"×7.9")  
 Base footprint:610mm (24")  
 Elevation control:Side lever  
 Caster type:5CM(2")in Single  
 Weight capacity:250KGS(550LBS)  
 Shipping weight:9.6KG(21LBS)  
 Volume:0.08m\*m\*m  
 Movement  
 Elevation stroke:203mm(8")  
 Back adjustment range:Yse  
 Appearance  
 Upholstery color:At your choice  
 Cylinder color:Black/Chrome  
 Base color:Black/Chrome  
 Caster color:Black/black and white

## HS-400

Seat size:360mm(14")  
 Seat foam thickness:50mm(2.17")  
 Retracted seat height:450mm(17.7")  
 Extended seat height:480mm(18.9")  
 Back size:  
 Base footprint:510mm (20")  
 Elevation control:Side lever  
 Caster type:5CM(2")in Single  
 Weight capacity:250KGS(550LBS)  
 Shipping weight:9.3KG(20.5LBS)  
 Volume:0.08m\*m\*m  
 Movement  
 Elevation stroke:150mm(5.9")  
 Back adjustment range:N/A  
 Appearance  
 Upholstery color:At your choice  
 Cylinder color:Black/Chrome  
 Base color:Black/Chrome  
 Caster color:Black/black and white