

As technology and products are constantly updated, content and technology are subject to change without prior notice. Without the written permission of Huida Medical Device Co., Ltd, the pictures and format in the manual are not allowed to be reproduced, disseminated, use or modify the manual.



Care For Life, Keep Improving

**Huidamed**®

**CHANGZHOU HUIDA MEDICAL INSTRUMENT CO.,LTD**

Add: No.1 Shijiapeng Rd, Jincheng Twon Industrial Park, Jintan  
District, Changzhou, Jiangsu 213200 China.

Tel: +86 519 82857858 Fax: +86 519 82857868

Email: Info@huidamed.com

[www.huidamed.com](http://www.huidamed.com)



V2022.1.0AE

**Huidamed**®  
CHANGZHOU HUIDA MEDICAL INSTRUMENT CO.,LTD



## Company Profile

Established in 1999 and located in Changzhou, HUIDAMED, as a professional manufacturer of neurosurgery equipment and solutions provider, focuses on the development and marketing of cranial stabilization and brain retractor system, surgery power system and related accessories. With the certificate of EN ISO 13485:2003, CE, high quality and good service is company's foundation.

For 20 years, HUIDAMED has established its place in the demanding neurosurgery market in China and abroad through strict Chinese and international standards. The sales network covers over 50 countries worldwide and is well-known by partners for its high quality and good service.

## Concentrate On Neurosurgery 22 Years



**HD-MZI**  
**SURGICAL POWER SYSTEM**  
FOR NEURO FOR MORE



# Multifunctional Console



ENT

NEURO

SPINAL

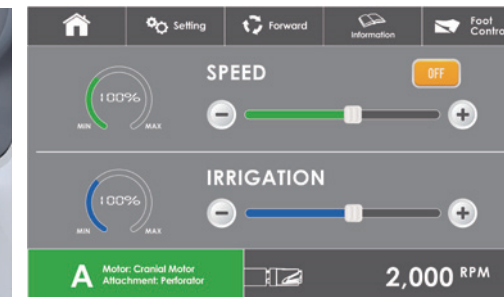
## HC1702

The 7-inch color touch screen with a user-friendly interface makes intelligent OT-room Dual-channel output, supports 2 different motors, easy to switch Flexible setting on motor speed, flow speed, motor direction, control method, language, Et

Cable safety socket, prevent accidental fall off



High lumen touch screen, support operation with gloves



High-flow irrigation pump



- Irrigation Flow:  $\geq 10$  ml/min
- Function: Overload Protection
- Anti Surge\***
- Torque Compensation
- Brake Stop\*\***
- Multifunction Use
- Support Personal Setting
- Apply to Neurosurgery, ENT, Spinal, Joint and Small Bone

\* Protect the system from the current shock of high frequency electrotome or other high power equipments  
 \*\* Motor stoped within 0.35s after quick release foot pedal



Size: L 33cm x W 40cm x H 17cm (with pump)  
 Weight: 4.2 Kg

The demands and feedback from surgeons are essential for us, which could help us make the improvements, make the system reliable, stable, and easy to use & maintain. User-friendly operation, efficient surgery, multifunctional application, low fault rate and lifetime usage cost, are our targets.

Inspired by listening to your needs, HC1702 is the choice that could meet your expectations for the surgical power system.

This system could be used in neurosurgery, spinal, maxillofacial and ENT, as well as small bones. Our innovative OS could meet the personalized operation setting, perfectly match your surgical habits, make your surgery more accurate and efficient.

Console  
 Cranial Motor & Accessories  
 High Speed Motor  
 Highspeed Motor Accessories  
 Consumables  
 Accessories



NEURO

SPINAL

# Console

## HC1701



Size: L31cm x W25cm x H12cm  
Weight: 2.2 Kg

### Standard Console

- Function: 5" Single color Screen
- Motor A/B Switch
- Re/Fw Change
- Overload Protection
- Anti Surge**
- Torque Compensation
- Preset 3 Functions

NEURO SPINAL

## HC1703



Size: L31cm x W25cm x H12cm  
Weight: 2.2 Kg

### Single Channel Console

- Function: 5" Single color Screen
- Re/Fw Switch
- Overload Protection
- ANTI SURGE**
- Torque Compensation
- Preset 1 Function

ENT SPINAL

Console  
Cranial Motor & Accessories  
High Speed Motor  
Highspeed Motor Accessories  
Consumables  
Accessories



## Cranial Motor



### HC1801

- Using Swiss brushless motor, high torque, low noise, low temperature-rise, autoclavable
- ISO-E connector
- Self-lock hook design makes the safe hold of handpiece
- High-performance shielded cables, prevent mutual interference with other sensitive equipment in the OT-room
- Stronger cable connection and leakproofness, able to withstand the daily work of OT-room and supply room

Speed: 0~40,000 RPM  
 Rated Power: 170W  
 Torque: >25mNm  
 Length of Cable: 3m  
 Weight: 210g

Available Console  
**HC1701**  
**HC1702**

## Cranial Motor Accessories

### HC1910



Perforator  
 More sizes refer page 17

Perforator Adaptor

Speed: 0~1,500 RPM  
 Torque: >500mNm  
 Length: 125mm  
 Weight: 260g

Available Console  
**HC1701**  
**HC1702**

### HC1920

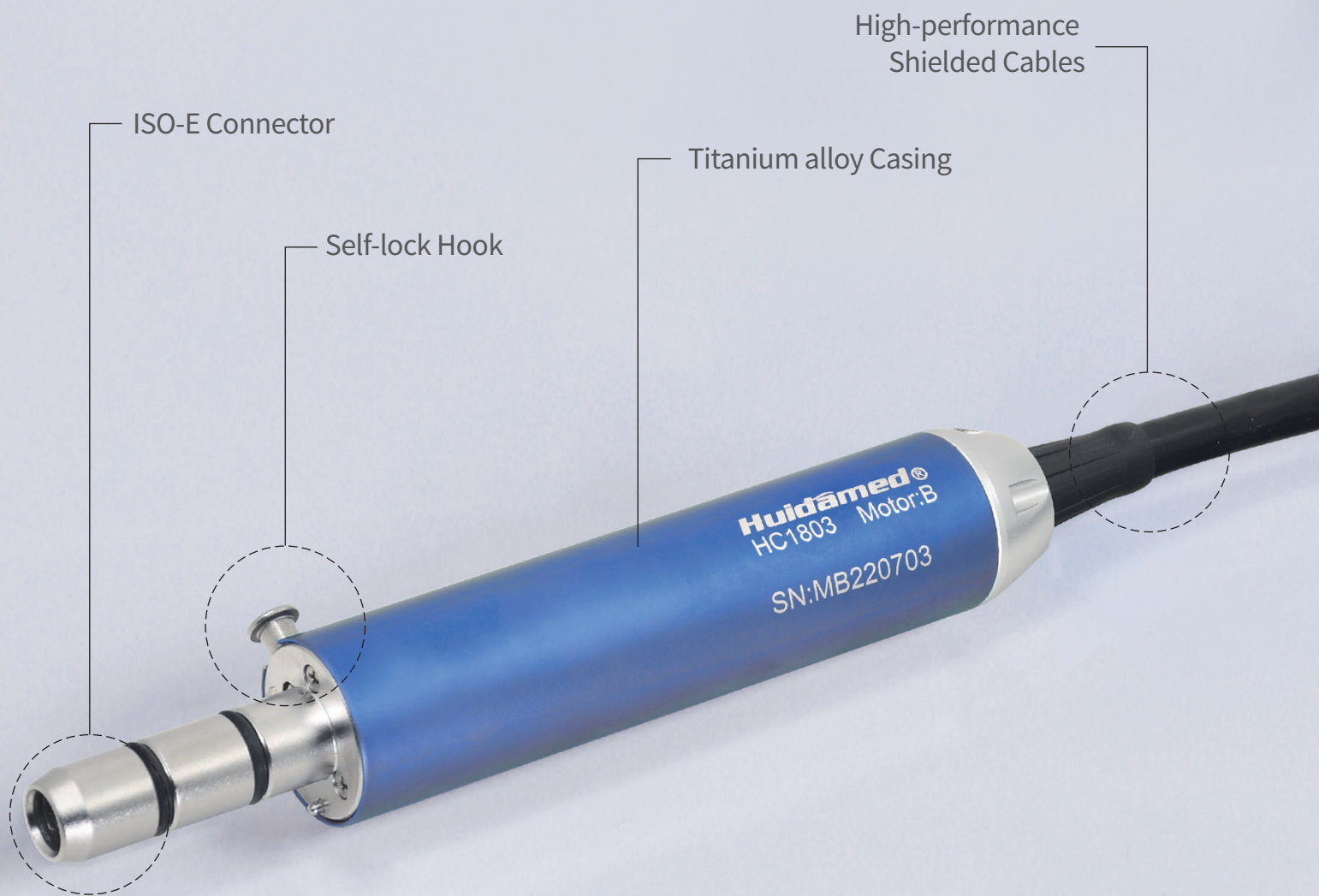


Craniotome Adaptor

Speed: 0~40,000 RPM  
 Torque: >25mNm  
 Titanium  
 Length: 105mm  
 Working Depth: 19mm  
 Weight: 130g

Available Console  
**HC1701**  
**HC1702**

# High speed motor



## HC1802

Available Console  
 HC1701  
 HC1702  
 HC1703

### High speed motor

- Using Swiss brushless motor, high torque, low noise, low temperature rise, autoclavable
- ISO-E connector
- Self-lock hook design makes the safe hold of handpiece
- High-performance shielded cables
- Stronger cable connection and leakproofness

60000RPM Speed: 0~60,000 RPM  
 Rated Power: 60W  
 Torque: >15mNm  
 Length of Cable: 3m  
 Weight: 130g



## HC1803

Available Console  
 HC1702  
 HC1703

### High speed motor

- Swiss brushless motor, high torque, low noise, low temperature rise, autoclavable
- ISO-E connector
- Self-lock hook design makes the safe hold of handpiece
- High-performance shielded cables
- Stronger cable connection and leakproofness

80000RPM Speed: 0~80,000 RPM  
 Rated Power: 80W  
 Torque: >15mNm  
 Length of Cable: 3m  
 Weight: 140g



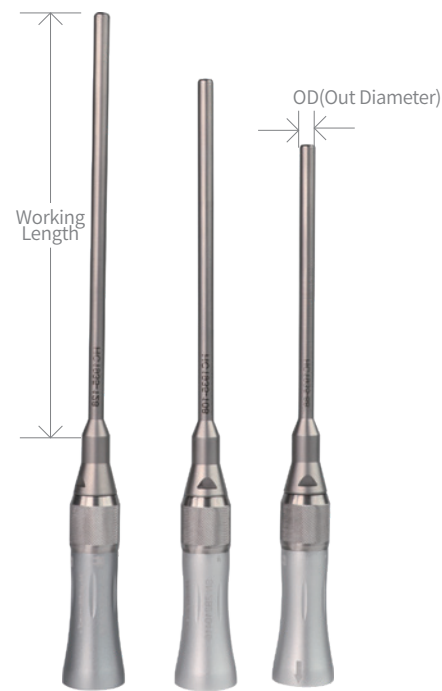
Console  
 Cranial Motor & Accessories  
 High Speed Motor  
 Highspeed Motor Accessories  
 Consumables  
 Accessories



## High Speed Motor Accessories

### Micro Handpiece

Designed specifically for the most challenging microsurgery needs, help the operation in small spaces like skull base. The slim top can reduce interference with other surgical equipment in small operating spaces. Durable, reliable, with sound vibration and noise control



#### Micro Drill Handpiece Straight

##### HC1935-88

Working L: 88mm  
OD:  $\phi$ 5mm  
ID: 2mm

##### HC1935-108

Working L: 108mm  
OD:  $\phi$ 5mm  
ID: 2mm

##### HC1935-128

Working L: 128mm  
OD:  $\phi$ 5mm  
ID: 2mm

Available Console

HC1701  
HC1702  
HC1703



#### Micro Drill Handpiece Angled

##### HC1945-88

Working L: 88mm  
OD:  $\phi$ 5mm  
ID: 2mm

##### HC1945-108

Working L: 108mm  
OD:  $\phi$ 5mm  
ID: 2mm

##### HC1945-128

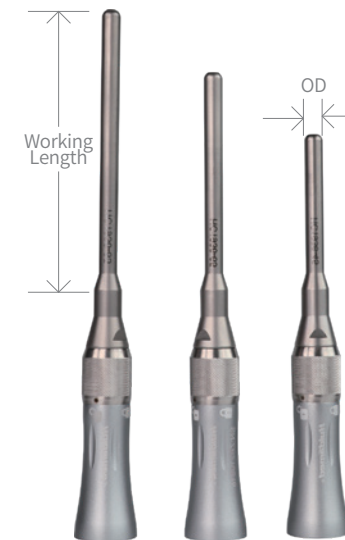
Working L: 128mm  
OD:  $\phi$ 5mm  
ID: 2mm

Available Console

HC1701  
HC1702  
HC1703

### Standard Handpiece

The standard handpiece could meet the needs of most open surgery stably and reliably



#### Standard Drill Handpiece Straight

##### HC1936-45

Working L: 45mm  
OD:  $\phi$ 6mm  
ID: 2.35mm

##### HC1936-65

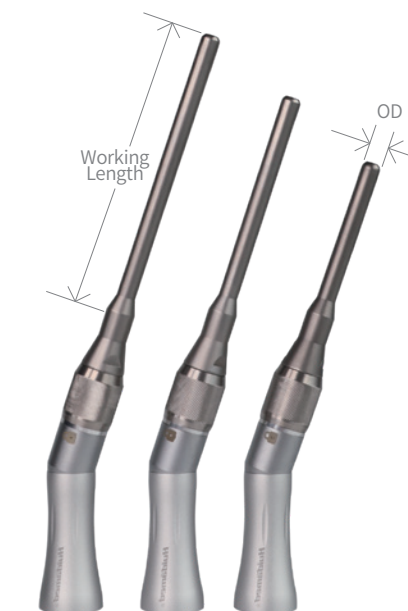
Working L: 65mm  
OD:  $\phi$ 6mm  
ID: 2.35mm

##### HC1936-85

Working L: 85mm  
OD:  $\phi$ 6mm  
ID: 2.35mm

Available Console

HC1701  
HC1702  
HC1703



#### Standard Drill Handpiece Angled

##### HC1946-45

Working L: 45mm  
OD:  $\phi$ 6mm  
ID: 2.35mm

##### HC1946-65

Working L: 65mm  
OD:  $\phi$ 6mm  
ID: 2.35mm

##### HC1946-85

Working L: 85mm  
OD:  $\phi$ 6mm  
ID: 2.35mm

Available Console

HC1701  
HC1702  
HC1703

## Endoscopic Drill Handpiece

Available Console  
HC1701  
HC1702  
HC1703

### HC1933-300

Speed: 0~20,000 RPM  
Length: 300mm  
OD: 3.5mm  
Straight



### HC1943-300

Speed: 0~20,000 RPM  
Length: 300mm  
OD: 3.5mm  
Angled



## Twist Drill Handpiece

### HC1936-20

Working L: 20mm  
OD: 6mm

Available Console  
HC1701  
HC1702  
HC1703

## Twist drill bit

### HC20-15

Dia: 1.5mm

### HC20-20

Dia: 2.0mm



Available Console  
HC1702

## Oscillating Saw

### HC1950

Speed: 0~20,000 TPM



Available Console  
HC1702

## Reciprocating Saw

### HC1960

Speed: 0~20,000 TPM



## Shaver Handpiece

### HC1970

Speed: 0~12,000 RPM  
Rated Power: 60W

Available Console  
HC1702  
HC1703

Console  
Cranial Motor & Accessories  
High Speed Motor  
Highspeed Motor Accessories  
Consumables  
Accessories



# Consumables

Select suitable consumables according to the surgery  
 HUIDAMED provides you with diversified consumables support. In addition to conventional models, particular specifications can also be customized according to clinical demands.

## Diamond Ball



| Size<br>Dia | 20mm      | 45mm      | 65mm      | 85mm      | 88mm      | 108mm      | 128mm      | 300mm      |
|-------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| Φ1mm        | HC21-20-1 | HC21-45-1 | HC21-65-1 | HC21-85-1 | -         | -          | -          | -          |
| Φ2mm        | HC21-20-2 | HC21-45-2 | HC21-65-2 | HC21-85-2 | HC21-88-2 | HC21-108-2 | HC21-128-2 | -          |
| Φ3mm        | HC21-20-3 | HC21-45-3 | HC21-65-3 | HC21-85-3 | HC21-88-3 | HC21-108-3 | HC21-128-3 | HC21-300-3 |
| Φ4mm        | HC21-20-4 | HC21-45-4 | HC21-65-4 | HC21-85-4 | HC21-88-4 | HC21-108-4 | HC21-128-4 | HC21-300-4 |
| Φ5mm        | HC21-20-5 | HC21-45-5 | HC21-65-5 | HC21-85-5 | -         | -          | -          | -          |
| Φ6mm        | HC21-20-6 | HC21-45-6 | HC21-65-6 | HC21-85-6 | -         | -          | -          | -          |

## Cutting Ball



| Size<br>Dia | 20mm      | 45mm      | 65mm      | 85mm      | 88mm      | 108mm      | 128mm      | 300mm      |
|-------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| Φ1mm        | HC22-20-1 | HC22-45-1 | HC22-65-1 | HC22-85-1 | -         | -          | -          | -          |
| Φ2mm        | HC22-20-2 | HC22-45-2 | HC22-65-2 | HC22-85-2 | HC22-88-2 | HC22-108-2 | HC22-128-2 | -          |
| Φ3mm        | HC22-20-3 | HC22-45-3 | HC22-65-3 | HC22-85-3 | HC22-88-3 | HC22-108-3 | HC22-128-3 | HC22-300-3 |
| Φ4mm        | HC22-20-4 | HC22-45-4 | HC22-65-4 | HC22-85-4 | HC22-88-4 | HC22-108-4 | HC22-128-4 | HC22-300-4 |
| Φ5mm        | HC22-20-5 | HC22-45-5 | HC22-65-5 | HC22-85-5 | -         | -          | -          | -          |
| Φ6mm        | HC22-20-6 | HC22-45-6 | HC22-65-6 | HC22-85-6 | -         | -          | -          | -          |



Diamond Matchhead

HC21M-20/45/65/85-3

Dia:3mm



Cutting Matchhead

HC22M-20/45/65/85-3

Dia:3mm

Straight  
Shaver Cutter

HC50-1

OD: 4.2mm  
Length: 120mm



Angled  
Shaver Cutter

HC60-1

OD: 4.2mm  
Length: 110mm



## Craniotome



HC24

REUSABLE



HC24R

REUSABLE

## Perforator

Self-Stop



HC23-7

Φ7mm (7/11)

HC23-9

Φ9mm (9/13)

HC23-11

Φ11mm (11/14)

## Dura Guard



HC27-1

Rotatable

HC27-2

Fixed

## Irrigation Nozzle



HC3035

For Standard Handpiece



HC3036

For Micro Handpiece

## Disposable Irrigation Tube



HC3031

Length: 290mm

## Oscillating Saw Blade



HC25-X

Size: 25\*10\*0.5mm  
25\*8\*0.5mm  
25\*6\*0.5mm  
25\*4\*0.5mm

## Reciprocating Saw Blade



HC26

Size: 20\*5\*0.5mm

