



TEALTH — to be the Most Competitive products
In your local market!

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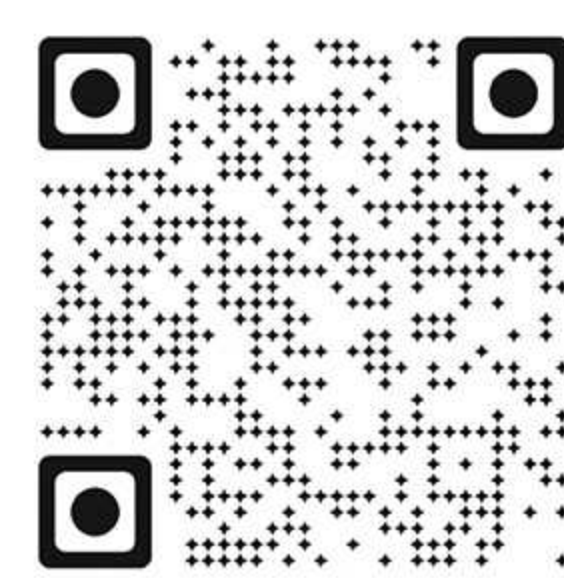
Date:2024-12-01

REV.A/1

Catalogue pictures and parameters for reference only, we reserve the right to
make any improvements on products design without advance notice.



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CE 1639 ISO 13485

TEALTH

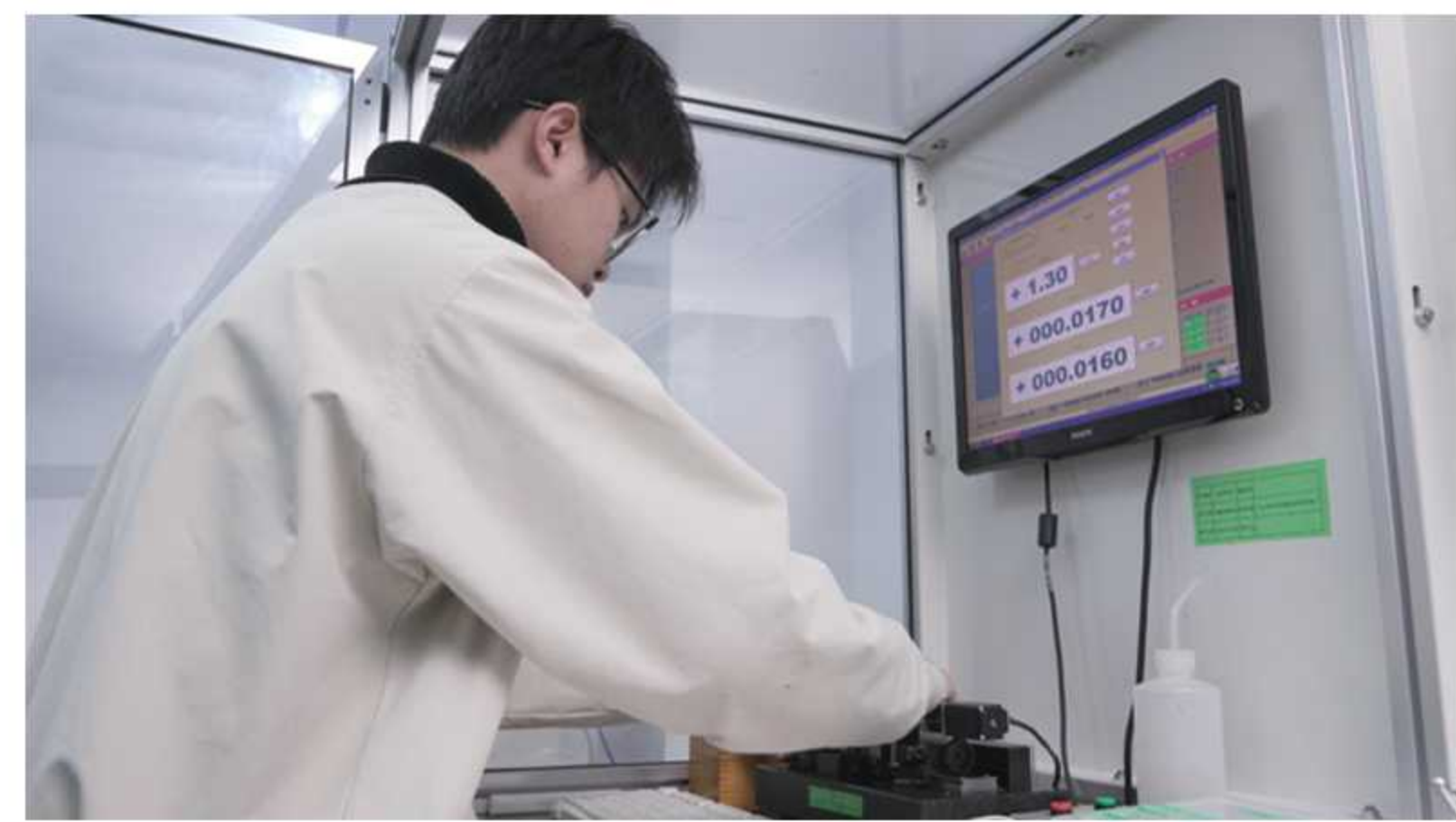
Production department

More than 50 sets of CNC machines imported from Japan, Germany and Switzerland are invested to achieve and ensure the precision and high quality items. The dimensional accuracy of the parts can reach to 5-3um.



Quality control

Quality testing permeates every aspect of production, from material testing to semi-finished products to finished products with a variety of testing instruments and processes.



Sound & Spray Testing Room

The performance of each handpiece must be strictly controlled before dispatch, such as: chuck power, noise, air or water supply, water atomization, cutting force and rotation speed.



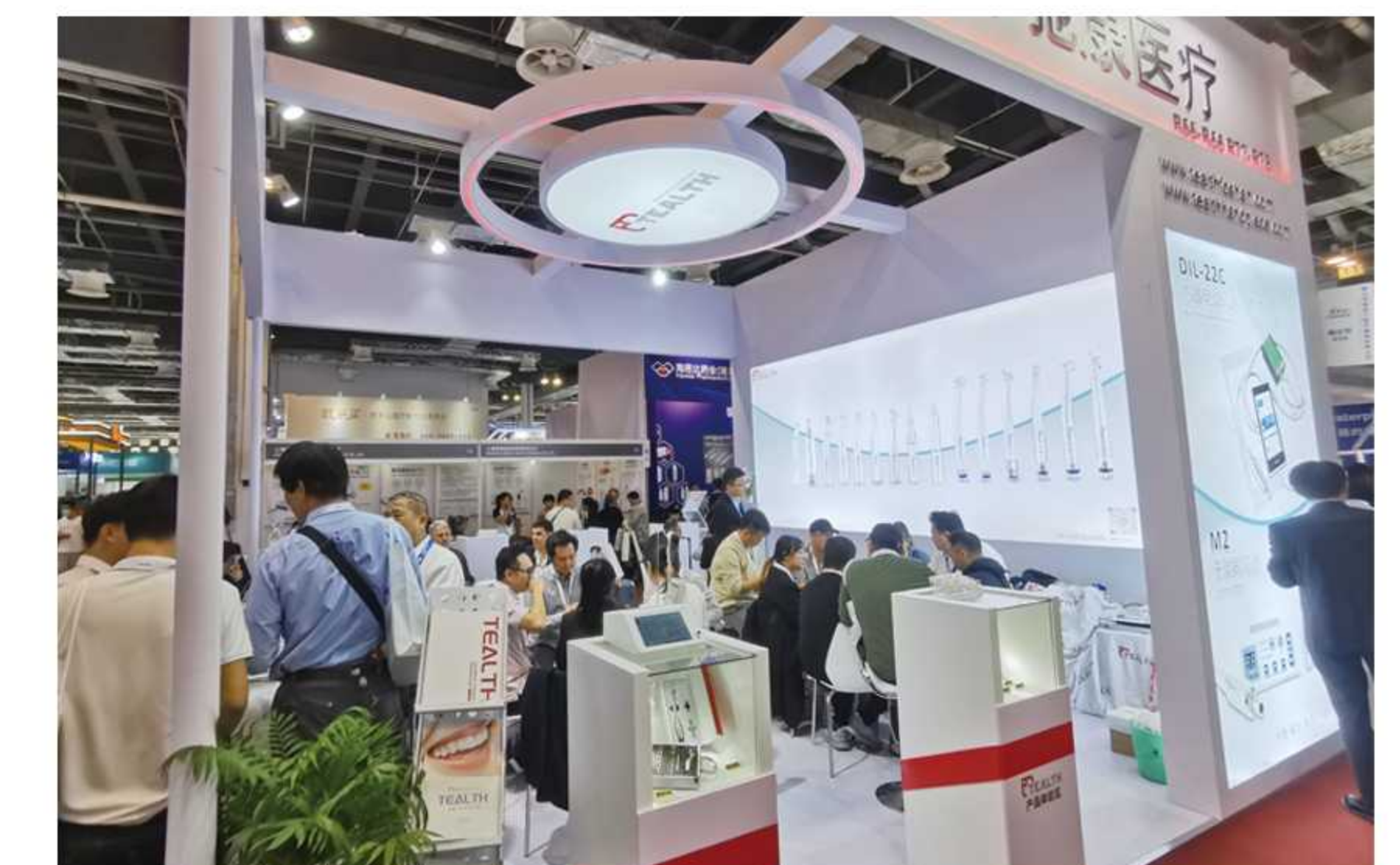
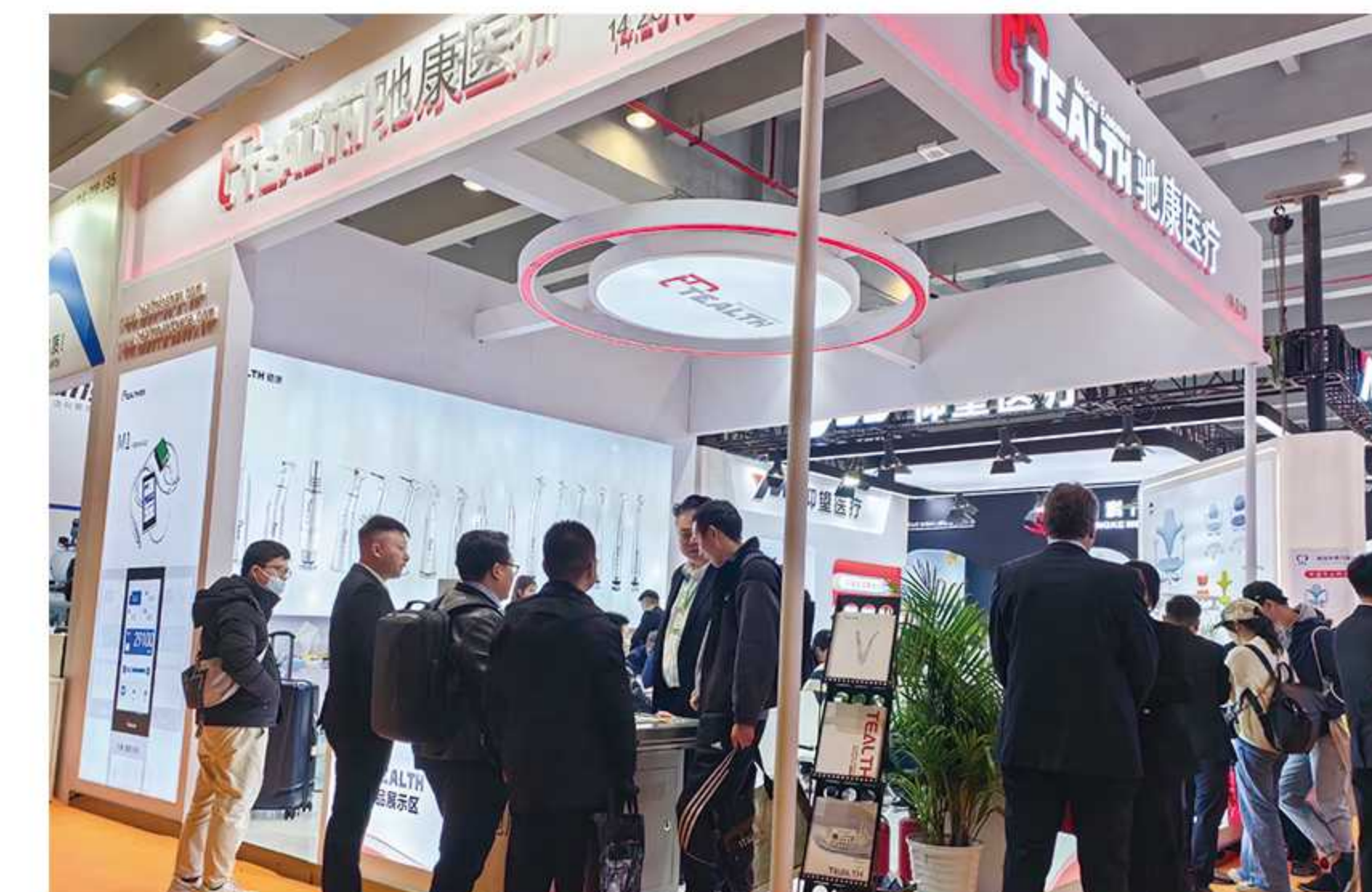
Assembly workshop



Company



Exhibition&Distributor



Internal irrigation low speed dental handpiece

S-01

1:1Light kit

💡 CE:1020L-M4



Order code	S-01	S-10	S-13
CE	1020L-M4	1020-M4	1020L-M4
Light	LED	/	Fiber optic
Speed ratio	1:1	1:1	1:1
Water spray	Internal irrigation	Internal irrigation	Internal irrigation
Connection	E-type	E-type	E-type
Rotation speed	18,000-20,000rpm	18,000-20,000rpm	18,000-20,000rpm
Noise	≤70dB	≤70dB	≤70dB
Chuck type	Push button	Push button	Push button
Applicable bur	Φ1.60mm/Φ2.35mm	Φ1.60mm/Φ2.35mm	Φ1.60mm/Φ2.35mm
N.W	290g	270g	295g

Order code	R01F-01C	CIL-02C	CIN-01C
CE	1020L-M4	1020L-M4	1020-M4
Light	Fiber optic	LED	/
Speed ratio	1:1	1:1	1:1
Water spray	Internal irrigation	Internal irrigation	Internal irrigation
Connection	E-type	E-type	E-type
Max Rotation speed	40,000rpm	40,000rpm	40,000rpm
Noise	≤70dB	≤70dB	≤70dB
Chuck type	Push button	Push button	Push button
Applicable bur	Φ1.60mm/Φ2.35mm	Φ1.60mm/Φ2.35mm	Φ1.60mm/Φ2.35mm
N.W	80g	82g	65g

Order code	MIF-01C	BIN-01C/MIN-01C
CE	1020L-M4	1020-M4
Light	Fiber optic	/
Connection holes	6 holes	2/4 holes
Water spray	Internal irrigation	Internal irrigation
Connection	E-type	E-type
Rotation speed	18,000-20,000rpm	18,000-20,000rpm
Noise	≤70dB	≤70dB
Working pressure	245-392kPa	245-392kPa
Atomized water pressure	200kPa	200kPa
Atomized air pressure	200kPa	200kPa
N.W	130g	108g

Order code	SIF-01C	SIN-03C
CE	1020L-M4	1020-M4
Light	Fiber optic	/
Speed ratio	1:1	1:1
Water spray	Internal irrigation	Internal irrigation
Connection	E-type	E-type
Max Rotation speed	40,000rpm	40,000rpm
Noise	≤70dB	≤70dB
Chuck type	Swivel ring type	Swivel ring type
Applicable bur	Φ2.35mm	Φ2.35mm
N.W	88g	96g

Reduction speed dental handpiece



ORDER:L6-06
For hand file
(Max 10,000rpm)
Reciprocating movement



ORDER:L6-08
For hand file
(Max 10,000rpm)
Up&down 1.4mm movement



ORDER:L6-01
For kavo (CAφ2.35)
CA bur head
(Max 10,000rpm)



ORDER:L6-05
For kavo
IPR strips head
(Max 10,000rpm)



Order code	R04N-01C
CE	3040CH
Light	/
Speed ratio	4:1
Water spray	Internal irrigation
Connection	E-type
Max Rotation speed	10,000rpm
Noise	≤70dB
Chuck type	Push button
Applicable bur	Φ2.35mm
N.W	80g

Order code	R04F-01C	R04N-41C	R16N-51C
CE	3040CH	3040CH	3040CH
Light	Fiber optic	/	/
Speed ratio	4:1	4:1	16:1
Water spray	Internal irrigation	Internal irrigation	Internal irrigation
Connection	E-type	E-type	E-type
Max Rotation speed	10,000rpm	10,000rpm	2,500rpm
Noise	≤70dB	≤70dB	≤70dB
Chuck type	Push button	Key type	Push button
Applicable bur	Φ2.35mm	Φ2.35mm	Φ3.80-4.00mm
N.W	80g	80g	80g

Order code	SE04N-01C	RE04N-03C	RE04N-04C
CE	1024-B2	1021-M4	1021-M4
Light	/	/	/
Speed ratio	4:1	4:1	4:1
Water spray	/	External irrigation	External irrigation
Connection	E-type	E-type	E-type
Max Rotation speed	5,000rpm	5,000rpm	5,000rpm
Noise	≤70dB	≤70dB	≤70dB
Chuck type	/	Push button	Screw type
Applicable bur	Prophy angle	Φ3.80-4.00mm	M1.8x0.3
N.W	45g	45g	45g

DIL-22C

Built-in brushless motor
CE:3050 EM-1



Touch screen



Order code	DIL-22C
CE	3050EM-1
Light	LED
Speed ratio	16:1, 1:1, 1:5, 1:4.2
Water spray	Internal irrigation
Connection	E-type
Max Rotation speed	40,000rpm
Noise	≤60dB
Water supply	Above 65 ml/min(0.2MPa)
Air supply	Above 1.5 L/min(0.2MPa)
Cool hydraulic pressure	0.2MPa
Max Torque of Motor	3.0N.cm
Control unit size	L148×W80×H17mm
Motor size	Φ22×L74mm
Voltage input	DC 24-36V
N.W	77g

Order code	I05F-01C	I04F-01C
CE	1020L-M4	1020L-M4
Light	Fiber optic	Fiber optic
Speed ratio	1:5	1:4.2
Water spray	Internal irrigation	External irrigation
Connection	E-type	E-type
Max Rotation speed	200,000rpm	168,000rpm
Noise	≤70dB	≤70dB
Chuck type	Push button	Push button
Applicable bur	Φ1.6mm	Φ1.6mm
N.W	70g	74g

Order code	R01F-01C	R16N-51C
CE	1020L-M4	3040CH
Light	Fiber optic	/
Speed ratio	1:1	16:1
Water spray	Internal irrigation	Internal irrigation
Connection	E-type	E-type
Max Rotation speed	40,000rpm	2,500rpm
Noise	≤70dB	≤70dB
Chuck type	Push button	Push button
Applicable bur	Φ1.60mm/Φ2.35mm	Φ3.80-4.00mm
N.W	80g	80g

DIL-20C Brushless motor

CE:3050 EM-1



Order code	DIL-20C
CE	3050EM-1
Light	LED
Speed ratio	16:1, 1:1, 1:5
Water spray	Internal irrigation
Connection	E-type
Max Rotation speed	40,000rpm
Noise	≤60dB
Water supply	Above 65 ml/min(0.2MPa)
Air supply	Above 1.5 L/min(0.2MPa)
Cool hydraulic pressure	0.2MPa
Max Torque of Motor	> 2.0N.cm
Control unit size	L158×W126×H59mm
Motor size	Φ22×L71mm
Voltage input	DC 32V



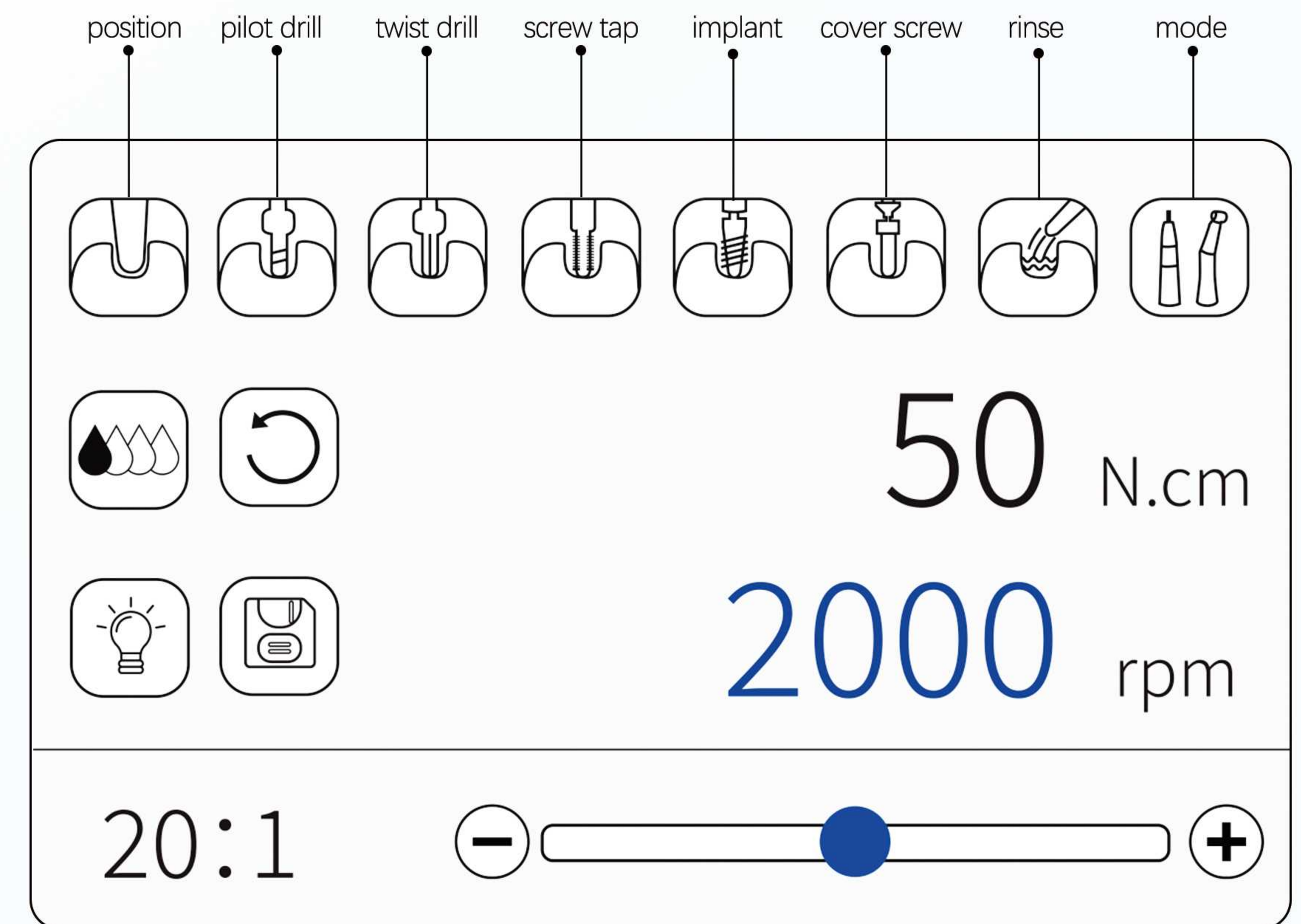
Order code	I05F-01C
CE	1020L-M4
Light	Fiber optic
Speed ratio	1:5
Water spray	Internal irrigation, 3 holes
Connection	E-type
Max Rotation speed	200,000rpm
Noise	≤70dB
Chuck type	Push button
Applicable bur	Φ1.6mm
N.W	70g



Order code	R01F-01C	R16N-51C
CE	1020L-M4	3040CH
Light	Fiber optic	/
Speed ratio	1:1	16:1
Water spray	Internal irrigation	Internal irrigation
Connection	E-type	E-type
Max Rotation speed	40,000rpm	2,500rpm
Noise	≤70dB	≤70dB
Chuck type	Push button	Push button
Applicable bur	Φ1.60mm/Φ2.35mm	Φ3.80-4.00mm
N.W	80g	80g

EM-3

8-Inch touch screen

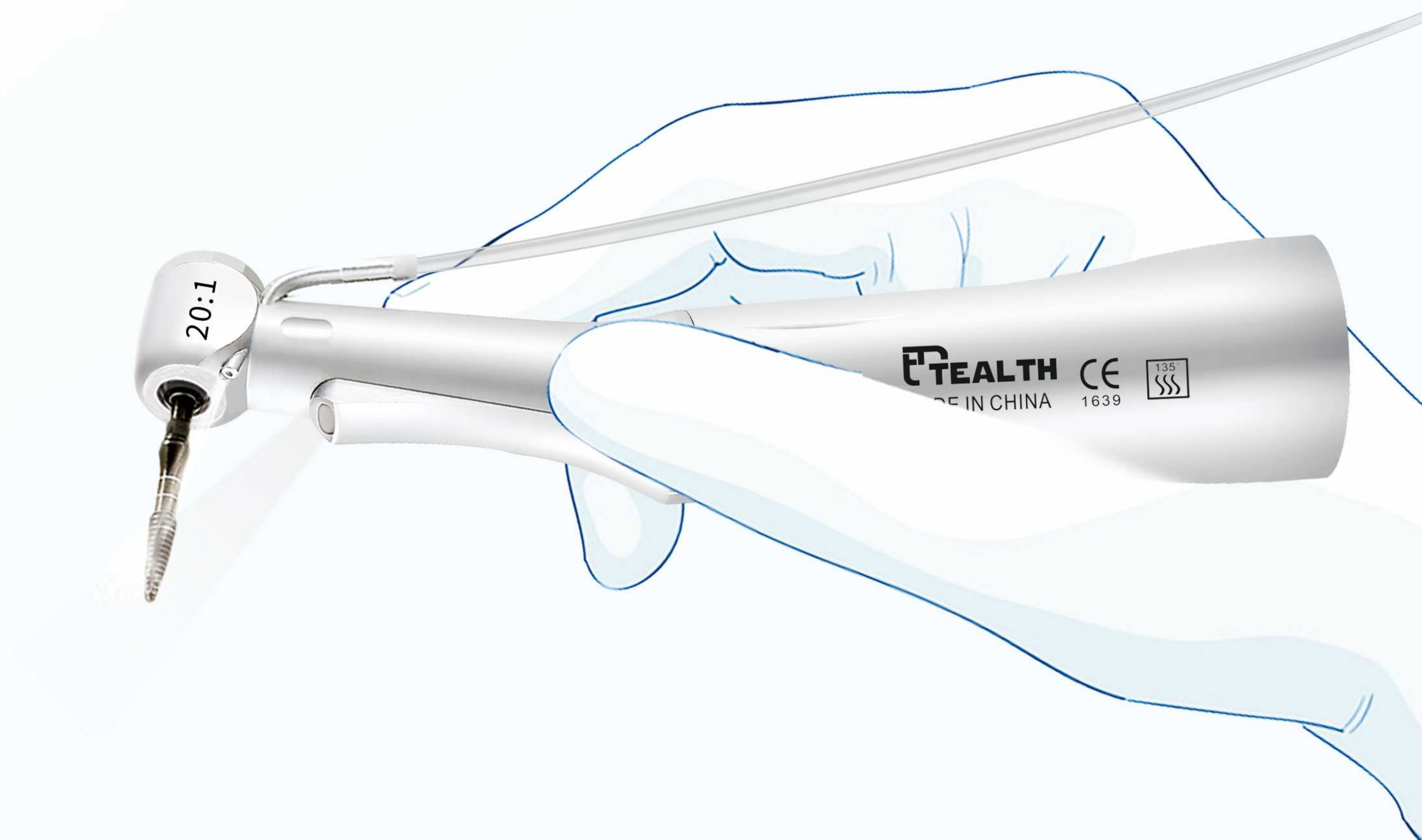


Motor with fiber optic: Yes	Rated voltage range of motor speed: (100-40,000)r/min
Voltage:220VAC/110VAC	Cooling water flow rate at 100%: > 90ml/min
Voltage fluctuation: ±10%	Operation model: 8 models
Rated current: 0.1-0.8A	Packing Size: 428mm*328mm*255mm
Frequency: 50/60Hz	Net weight/Gross weight[KG]: 5.7/7.3
Power fuse: 2*250V-T1.25AH	Color: White
Maximum power consumption: 170VA	Recommended coolant: Distilled/Purified water
Maximum mechanical output power: 70W	Water quality&water hardness range: Distilled/Purified water,water hardness < 6.5mmol/L
With 20:1 maximum torque 70N.cm	Maximum allowable load: ≤1.5KG
size of motor:107.6*23.3mm	Weight of motor:122g

Implant contra angle



Powerful Durable Stable



Order code	R201F	R201L	R201N
CE	3201CH	3201CH	3203CH
Light	Fiber optic	LED, E-generator	/
Speed ratio	20:1	20:1	20:1
Water spray	Internal & External irrigation	Internal & External irrigation	Internal & External irrigation
Connection	E-type	E-type	E-type
Max Rotation speed	2,000rpm	2,000rpm	2,000rpm
Noise	≤70dB	≤70dB	≤70dB
Chuck type	Push button	Push button	Push button
Applicable bur	Φ2.35mm	Φ2.35mm	Φ2.35mm
N.W	79g	86g	79g
Torque	80N.cm	80N.cm	80N.cm

High torque, up to 80N.cm



Imported bearings



CK-21 Quick Coupling Handpiece



Quick Coupling Handpiece

ORDER:TPF3-D-N4
CE:2300PQL-M4
Fiber optic
NSK coupling 6 holes



ORDER:TPF3-D-N6
CE:2300PQL-M4
Fiber optic
NSK coupling 4 holes

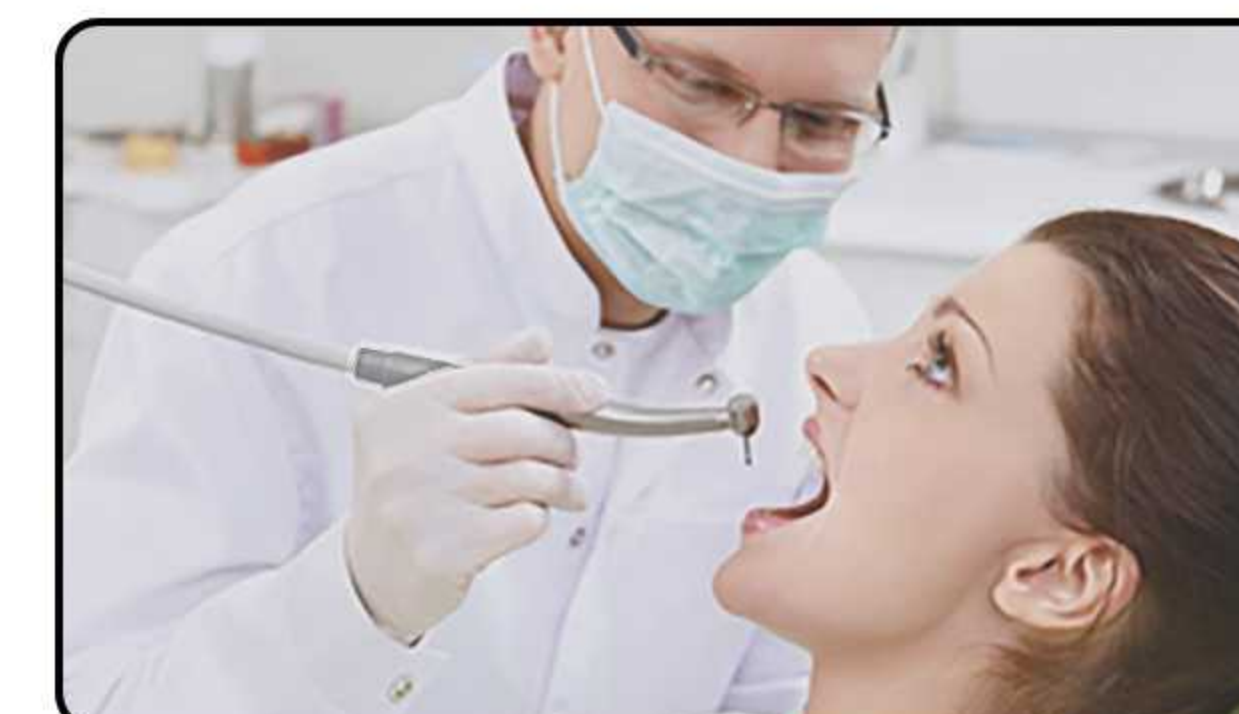


ORDER:TPF3-D-K4
CE:2300PQL-M4
LED
Kavo coupling 4 holes

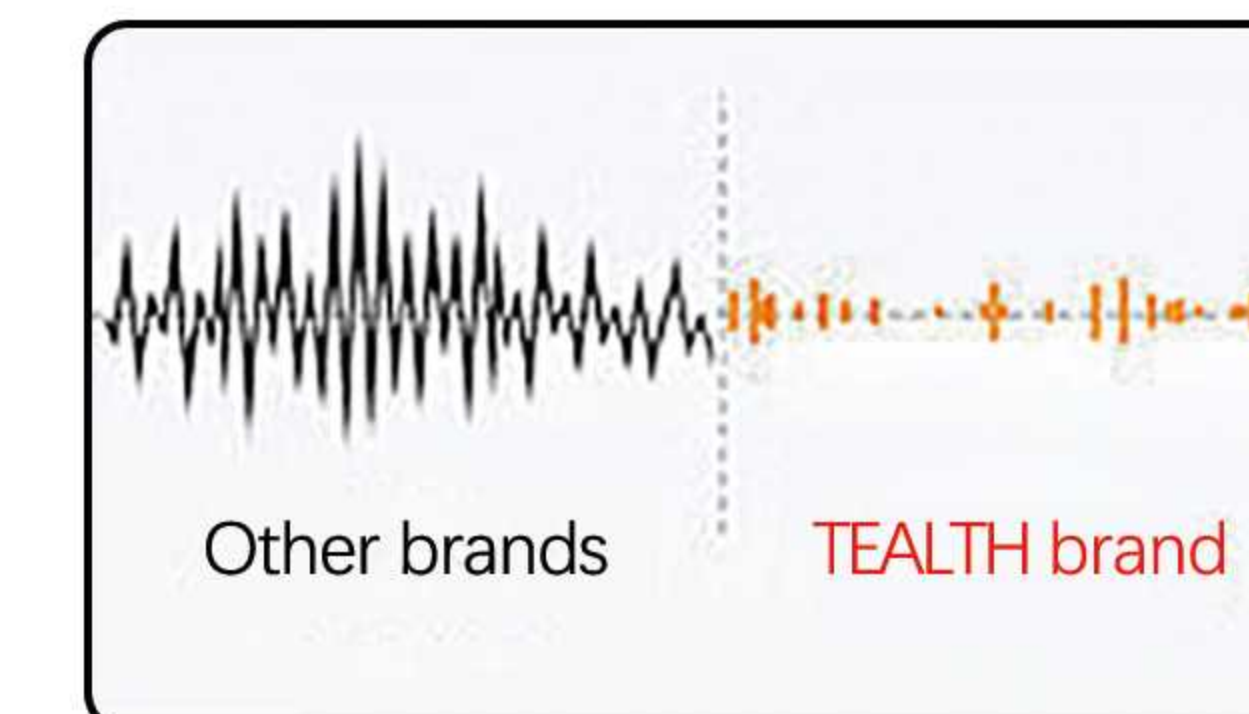


Order code	CK-21
CE	2300PQL-M4
Light	Fiber optic
Radial vibration	≤0.03mm
Bearings	German bearings
Head	Torque
Head size	Φ12.5*H13.3 mm
Water spray	Triple water spray
Connection	4 or 6 holes, Kavo coupling
Rotation speed	320,000-350,000rpm
Noise	≤60dB
Chuck type	Push button
Working pressure	0.28MPa-0.30MPa
Autoclave	135°C
Weight	53g

Low noise and comfortable



Radial vibration < 0.03mm



Infinite efficiency

