

twocore⁺

**QUALITY&PRICE,
WON'T
BE BEAT!**

2018.01



BDC Dental Corporation Ltd.



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BDC is strategically located in Guangzhou with a 120,000 square feet modern manufacturing facility and is devoted to be the leading dental equipment manufacturer in China by consolidating R&D, production, marketing, and service.

BDC is a Sino-Canadian joint venture with a vision of creating next standards for dental equipment industry, which has two brands Twocore and Yunity. BDC will inherit the advanced manufacturing technologies and strict techniques from Canada along with the most sophisticated manufacturing and inspection equipment. BDC facility is certified with ISO 13485 Quality Management System and products are CE approved and FDA cleared. Under the new joint venture agreement, BDC will produce reliable, durable and affordable dental handpiece, chair, autoclaves, suction and air compressor to the world.

BDC is oriented by the demands of the dentists and strives to bring everyone a healthy and confident smile.



E-generator Handpiece



Direct-LED

LED is optimally positioned on the face of the handpiece to provide a larger light pattern than traditional fiber optic systems.



Germany Ceramic Bearings

It is specially designed for smooth and quiet operation. It also provides superior torque and a long lifespan.



Micro-Tex Surface

The latest surface enhancement technology creates a micro-textured and scratch proof surface that lowers the possibility of slipping during operation.



Four Water Spray

Effectively cools the entire surface of the bur that avoids overheating and provides better patient comfort.



Compatibility

Compatible with a great variety of coupling systems and adapts well to every existing treatment unit.



X4-G SERIES E-GENERATOR

REGULER

MIDWEST 4-Hole Connection



Model
X4-SG M4
X4-MG M4

Order Code
6208011040520100
6208011040620100

SURGICAL

MIDWEST 4-Hole Connection



Model
X4-45G M4

Order Code
6208011470620100

KAVO® Connection



Model
X4-SG KV
X4-MG KV

Order Code
6208011040530100
6208011040630100

KAVO® Connection



Model
X4-45G KV

Order Code
6208011470630100

NSK Mach® Connection



Model
X4-SG NK
X4-MG NK

Order Code
6208011040540100
6208011040640100

NSK Mach® Connection

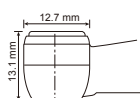


Model
X4-45G NK

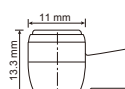
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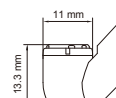
Technical Data



Standard Head



Mini Head



Surgical Head

	Standard Head	Mini Head	Surgical Head
Colour temperature(K)	5,500	5,500	5,500
Brightness(LUX)	25,500	25,500	25,500
Head Size(Width x Height)	12.7mm x 13.1mm	11 x 13.3mm	11 x 13.3mm
Drive Air Pressure(Mpa)	0.25-0.3	0.25-0.3	0.25-0.3
Power(WATT)	25	22	22
Speed(RPM)	280,000	300,000	300,000
Rotary Instruments	FG burs according to EN ISO 1797-1:2011	FG burs according to EN ISO 1797-1:2011	FG burs according to EN ISO 1797-1:2011
Ø / max. length(MM)	1.6 / 25	1.6 / 25	1.6 / 25
Water Spray	Four Ports	Four Ports	Triple Ports

X4 SERIES RUGULAR



GERMANY BEARING

FIBER OPTIC

NSK Mach® Connection



Model
X4-SL NK
X4-ML NK

Order Code
6208011050540100
6208011050640100

NON-OPTIC

MIDWEST 4-Hole Connection



Model
X4-S M4
X4-M M4

Order Code
6208011060520100
6208011060620100

KAVO® Connection



Model
X4-SL KV
X4-ML KV

Order Code
6208011050530100
6208011050630100

KAVO® Connection



Model
X4-S KV
X4-M KV

Order Code
6208011060530100
6208011060630100

NSK Mach® Connection



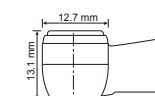
Model
X4-S NK
X4-M NK

Order Code
6208011060540100
6208011060640100



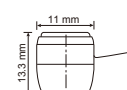
Technical Data

Colour temperature(K)
Brightness(LUX)
Head Size(Width x Height)
Drive Air Pressure(Mpa)
Power(WATT)
Speed(RPM)
Rotary Instruments
Ø / max. length(MM)
Water Spray



Standard Head

5,500
25,500
12.7mm x 13.1mm
0.25-0.3
25
280,000
FG burs according to
EN ISO 1797-1:2011
1.6 / 25
Four Ports



Mini Head

5,500
25,500
11 x 13.3mm
0.25-0.3
22
300,000
FG burs according to
EN ISO 1797-1:2011
1.6 / 25
Four Ports

X4-45 SERIES SURGICAL

FIBER OPTIC

NSK Mach Connection



Model
X4-45L NK

Order Code
6208011460640100

NON-OPTIC

MIDWEST 4-Hole Connection



GERMANY BEARING



Model
X4-45 M4

Order Code
6208011450620100

KAVO® Connection



Model
X4-45L KV

Order Code
6208011460630100

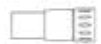
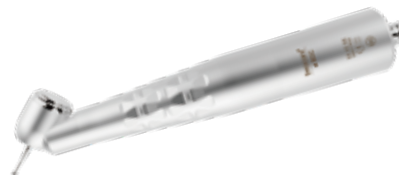
KAVO® Connection



Model
X4-45 KV

Order Code
6208011450630100

NSK Mach® Connection



Model
X4-45 NK

Order Code
6208011450640100



Technical Data

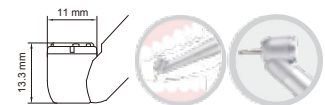
Colour temperature(K)
Brightness(LUX)
Head Size(Width x Height)
Drive Air Pressure(Mpa)
Power(WATT)
Speed(RPM)
Rotary Instruments
Ø / max. length(MM)
Water Spray

Optic

5,500
25,500
11 x 13.3mm
0.25-0.3
22
300,000
FG burs according to
EN ISO 1797-1:2011
1.6 / 25
Triple Ports

Non-Optic

N/A
N/A
11mm x 13.3mm
0.25-0.3
22
300,000
FG burs according to
EN ISO 1797-1:2011
1.6 / 25
Triple Ports





NSK® Mach Coupler

KAVO® Coupler



6-Hole
Order Code: **6208010020331100**
Model: **X4-N LED**



6-Hole
Order Code: **6208010020631100**
Model: **X4-K LED**

4-Hole
Order Code: **6208010020621100**
Model: **X4-K M4**

HANDPIECE ACCESSORY

	Order Code: 6308011050111000 Model: X4-S-GC		Order Code: 6308011050121000 Model: X4-M-GC
	Order Code: 3201001070003200 Model: X4-M-GC(Surgical Head)		Order Code: 6408011040100200 Model: GC BEARING
	Order Code: 6308010020309100 Model: SP-RD 04 (For KAVO Couple)		Order Code: 6408010020000200 Model: SP-LB 01

LOW-SPEED

AIR MOTOR

6-Hole Connection*



Internal water spray LED Optic

E-Type

Order Code: **6208012040000700**

Model: **XT-LIW M LED**

MIDWEST 4-Hole Connection



Internal water spray

E-Type

Order Code: **6208012040000300**

Model: **XT-LIW M M4**

CONTRA ANGLE



Fiber Optic



Optic

Internal water spray

Push Button

1:1 CA Bur



Order Code: **6208012050000500**

Model: **XT-LIW FC**

Non-Optic



Internal water spray

Push Button

1:1 CA Bur



Order Code: **6208012050000100**

Model: **XT-LIW C**

Latch Type Ball Bearing



Ball Bearing

No Spray

Latch Type

1:1 CA Bur

Order Code: **6208012020000200**

Model: **XT-LOW01 CB**

Prophy Type



No Spray

Screw-In

1:1 Prophy Cup

Order Code: **6208012020000400**

Model: **XT-LOW01 CS**

Prophy Type



No Spray

Snap-on

1:1 Prophy Cup

Order Code: **6208012020000300**

Model: **XT-LOW01 CK**

CONTRA ANGLE HEAD



Max 40,000rpm
Push Button
1:1 CA Bur
Order Code: 6308012050001300
Model: XT001



Max 40,000rpm
Latch Type
1:1 CA Bur
Order Code: 6308012020200100
Model: XT001CB



Max 5000rpm
Snap-On
1:1 Prophy Cup
Order Code: 6308012020300400
Model: XT001K





Max 5000rpm
Screw-In
1:1 Prophy Cup
Order Code: 6308012020400500
Model: XT001S

STRAIGHT HANDPIECE


Fiber Optic



Max 40,000rpm
Internal Water Spray  
1:1
Order Code: 6208012060000600
Model: XT-LIW FS

Non-Optic



Max 40,000rpm
Internal Water Spray 
1:1
Order Code: 6208012060000200
Model: XT-LIW S

LOWSPEED KIT



Fiber Optic Lowspeed Kit 6-Hole



Optic
Internal water spray
Push Button
Order Code: **6208010011001100**
Model: **XT-LIW KT LED**

Non-Optic Internal Water Lowspeed Kit 4-Hole



Non-Optic
Internal water spray
Push Button
Order Code: **6208010011000900**
Model: **XT-LIW KT M4**



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