

Innovation is generated from force.

E-FORCE Engine for Dental Technicians and Craftsmen.

Rotary Engine

DIH20

DIH40

Multi-function Switch

Brushless Motor

Compact Body

Triple Guard



Precision Electric Powered Micro Grinder

E-FORCE[®]

Rotary Engine

Standard Set

Rotary Engine 40	Bundled Collet Size (ϕ 2.34mm)	Order Code	Model
	Bundled Collet Size (ϕ 3.0mm)	9901	DSSR42301
Rotary Engine 20	Bundled Collet Size (ϕ 2.34mm)	9904	DSSR43001
	Bundled Collet Size (ϕ 3.0mm)	9933	DSSR22301
		9936	DSSR23001

Standard Set with Foot Switch

Rotary Engine 40	Bundled Collet Size (ϕ 2.34mm)	Order Code	Model
	Bundled Collet Size (ϕ 3.0mm)	9917	DSFR42301
Rotary Engine 20	Bundled Collet Size (ϕ 2.34mm)	9920	DSFR43001
	Bundled Collet Size (ϕ 3.0mm)	9949	DSFR22301
		9952	DSFR23001

Rotary Engine 40 Standard Equipment Rotary Engine 40・Controller・Foot Switch ^{※1}

Standard Accessories : Power Cord (100V)・A Choice of Collet ϕ 2.34mm or ϕ 3.0mm
Spanner・Handpiece Holder

Rotary Engine 20 Standard Equipment Rotary Engine 20・Controller・Foot Switch ^{※1}

Standard Accessories : Power Cord (100V)・A Choice of Collet ϕ 2.34mm or ϕ 3.0mm
Spanner・Handpiece Holder

^{※1} Available with or without a Foot Switch. ^{※2} 120V and 230V are also available.

Specification

Controller	Handpiece (Rotary Engine 40)		Handpiece (Rotary Engine 20)	
Input Voltage : AC100V (50/60Hz)	Max Output : 84W	Dimensions : L158 X ϕ 26 mm	Max Output : 73W	Dimensions : L165 X ϕ 27.4 mm
Dimensions : W60×D230×H150 mm	Max Torque : 4.0cN・m	Weight : 172g (excl. Motor Cord)	Max Torque : 5.0cN・m	Weight : 213g (excl. Motor Cord)
Weight : 1.95kg (excl. Power Cord)	Rotation Speed : 1,000~40,000min ⁻¹	Cord Length : 1.5m	Rotation Speed : 1,000~20,000min ⁻¹	Cord Length : 1.5m

Medical Equipment Manufacturing Business: License No. 14BZ200259

Standard Set

Product		Bundled Collet Size	Power Cord	Order Code	Model
Standard Set	Rotary Engine 40	ϕ 2.34mm	100V	9901	DSSR42301
			120V	9902	DSSR42302
		ϕ 3.0mm	230V	9903	DSSR42303
			100V	9904	DSSR43001
	Rotary Engine 20	ϕ 2.34mm	120V	9905	DSSR43002
			230V	9906	DSSR43003
		ϕ 3.0mm	100V	9933	DSSR22301
			120V	9934	DSSR22302
Standard Set with Foot Switch	Rotary Engine 40	ϕ 2.34mm	230V	9935	DSSR22303
			100V	9936	DSSR23001
		ϕ 3.0mm	120V	9937	DSSR23002
			230V	9938	DSSR23003
	Rotary Engine 20	ϕ 2.34mm	100V	9917	DSFR42301
			120V	9918	DSFR42302
		ϕ 3.0mm	230V	9919	DSFR42303
			100V	9920	DSFR43001
	Rotary Engine 20	ϕ 2.34mm	120V	9921	DSFR43002
			230V	9922	DSFR43003
		ϕ 3.0mm	100V	9949	DSFR22301
			120V	9950	DSFR22302
	Rotary Engine 20	ϕ 3.0mm	230V	9951	DSFR22303
			100V	9952	DSFR23001
	Rotary Engine 20	ϕ 3.0mm	120V	9953	DSFR23002
			230V	9954	DSFR23003

Item List

Item Name		Order Code	Model
Controller (100V)		1001	DCR01
Rotary Engine 40	Bundled Collet Size (ϕ 2.34)	1361	DIH40-2
	Bundled Collet Size (ϕ 3.0)	1362	DIH40-3
Rotary Engine 20	Bundled Collet Size (ϕ 2.34)	1363	DIH20-2
	Bundled Collet Size (ϕ 3.0)	1364	DIH20-3
Accessory	Power Cord (100V)	1131	DAC10
	Power Cord (120V)	1132	DAC12
	Power Cord (230V)	1133	DAC23
	Foot Switch	1163	DFS01
	Motor Extension Cord (3m)	1154	DLC01

Compatibility Table of Collet

Item Name	Order Code	Model
Collet (ϕ 1.0mm)	1081	DCC10
Collet (ϕ 1.2mm)	1082	DCC12
Collet (ϕ 1.4mm)	1083	DCC14
Collet (ϕ 1.6mm)	1084	DCC16
Collet (ϕ 1.8mm)	1085	DCC18
Collet (ϕ 2.0mm)	1086	DCC20
Collet (ϕ 2.34mm)	1087	DCC23
Collet (ϕ 3.0mm)	1088	DCC30
Collet (ϕ 3.175mm)	1089	DCC32

Contact

Order Code

Model



Triple Guard

Three protection structures shut out the chips.

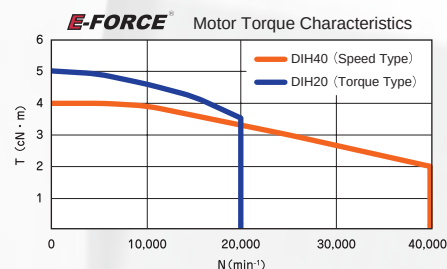
- ① Large Diameter Flinger
- ② Inner Flinger
- ③ Labyrinth Seal

Brushless Motor

All models are equipped with ceramic bearings.

Multi-function Switch

A handy integrated controller for ON/OFF and Speed UP/DOWN.



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