



ULTRA-PRECISION BRUSHLESS MICRO-GRINDER

- Digital display enhances safety and efficiency
- Compact and functional design makes the unit portable
- Soft touch switches permit easy operation and long service life
 - Ergonomically designed for comfort
- High accuracy, lightweight, high reliability and superior durability
 - Major reduction of RF noise
- Provides extremely quiet operation from low to high speed with stepless speed adjustment
- Modular system with 13 available attachments

www.NSKAmericaCorp.com | (847) 843-7664 | Toll Free: (800) 585-4675



Emax EVOLution Attachments

PRODUCT	DESCRIPTION	SPECIFICATIONS	MODEL	CODE
	Emax EVOLution Control Unit	- Weight: 5 lb 1.13 oz - Power source: AC 120/230V, 50-60 Hz - Dimensions: W130 x D254 x H97 mm 120V	NE249 120	8224
 Exclusive use for Emax EVOLution	Standard Type Motor with cord	- Weight: 3.17 oz (w/o cord) - Max. Torque: 4.3 cN·m - with straight cord 1.5 m - Max. power: 73W - Speed: 1,000 - 40,000 rpm - Accessory: Pin Spanner K-233 1 pc.	ENK-410S	8086
 Exclusive use for Emax EVOLution	Torque Type Motor with cord	- Weight: 5.19 oz (w/o cord) - Max. Torque: 4.8 cN·m - with straight cord 1.5 m - Max. power: 76W - Speed: 1,000 - 25,000 rpm	ENK-250T	8087
	Ring Type Attachment	- Weight: 3.25 oz - Collet Chuck: Ø1/8" (CHH-3.175), Ø2.35 mm (CHH-2.35) - Accessory: Spanner (7 x 5.1) 1 pc. Pin Spanner (K-233) 1 pc. L Shaped Spanner 1 pc. 40,000 rpm max	IR-310	1144
	Lever Type Attachment	- Weight: 2.19 oz - Collet Chuck: Ø1/8" (CHH-3.175), Ø2.35 mm (CHH-2.35) - Accessory: Spanner (7 x 5.1) 1 pc. Pin Spanner (K-233) 1 pc. 40,000 rpm max	IH-300	7097
	Torque Type Attachment	- Weight: 7.41 oz Ø1/4" (CHG-6.35) - Accessory: Spanner (10 x 10) 1 pc. Bar Wrench (K-212) 1 pc. Pin Spanner (K-233) 1 pc. *Use Torque Type HG-200 to connect to ENK-250T 27,000 rpm max	HG-200	2810
	Long Type Attachment for deep hole grinding	- Weight: 5.50 oz - Collet Chuck: Ø1/8" (CHM-3.175) - Accessory: Spanner (7x5.1), (6x4.5) 1 pc. each Pin Spanner (K-233) 1 pc. 35,000 rpm max	BMH-300	2904
	90° MINI ANGLE TYPE Attachment	- Weight: 1.66 oz - Speed Reduction Ratio: 10/11 - Collet Chuck: Ø1.6 mm (K-253) - Accessory: Chuck Wrench (K-232) 1 pc. Pin Spanner (K-233) 1 pc. 15,000 rpm max	MFC-300M	1013
	90° MINI ANGLE TYPE Attachment	- Weight: 1.76 oz - Speed Reduction Ratio: 10/11 - Collet Chuck: Ø1.6 mm (K-252) - Accessory: Chuck Wrench (K-232) 1 pc. Pin Spanner (K-233) 1 pc. 15,000 rpm max	MFC-300S	1012
	90° ANGLE Attachment	- Weight: 1.59 oz - Standard Accessories (Rubber Pads, Paper Disks) - Collet Chuck: Ø1/8" (CHC-3.175) - Accessory: Standard Accessories 1 set Chuck Wrench (K-231) 1 pc. Pin Spanner (K-233) 1 pc. 20,000 rpm max	IC-300	2900
	50° ANGLE Attachment	- Weight: 1.59 oz - Standard Accessories (Rubber Pads, Paper Disks) - Collet Chuck: Ø1/8" (CHC-3.175) - Accessory: Standard Accessories 1 set Chuck Wrench (K-231) 1 pc. Pin Spanner (K-233) 1 pc. 20,000 rpm max	KC-300	2901

PRODUCT	DESCRIPTION	SPECIFICATIONS	MODEL	CODE
	MINI-LUSTER Attachment (Pencil Type Polisher) (Reciprocating motion)	- Weight: 5.12 oz - Max. tool shank diameter : $\varnothing 3.2$ mm, screw clamp type - Stroke range (fixed): 0.8 mm - Accessory: Standard Accessories 1 set 30,000 rpm max	ML-8	1307
	SWING-LUSTER Attachment (Pencil Type Polisher) (Right to Left motion)	- Weight: 5.00 oz - Reciprocating Stroke (variable): 0~9,000 times/min. - Stroke range (variable): 0~1.6 mm - Max. tool shank diameter $\varnothing 5.0$ mm, Screw clamp type - Accessory: Standard Accessories 1 set 24,000 rpm max	SLS-16	1380
	Hammer Attachment for engraving and ornament processing work	- Weight: 3.35 oz - Stroke Times: 25~5,000 times/min. - Stroke Spring Pressure: 4.4~7.1N (Ring Adjustment Type) - Accessory: Spanner (7 x 5.1) 1 pc., Bar Wrench (K-212) 1 pc., Oil and nozzle, Hammer Bit (for replacement) 2 pcs. 16,000 rpm max	HA-500	8060
	FINE BELT SANDER Attachment	- Weight: 12.35 oz - Belt Speed: 0~825 m/min. - Belt Size: 4, 6, 8 mm - Accessory: 8, 6, 4 mm Belts - Allen Wrench (3 mm) 1pc. 35,000 rpm max	KBS-101	1146
	LUSTER Attachment (Pistol Type polisher) (Reciprocating motion) BUILT IN MOTOR	- Weight: 1 lb 12.22 oz (w/o cord) - Max Torque 17.2 cN·m - with Straight Cord 1.5m - Stroke Range: 0~6 mm (variable) - Max tool shank diameter $\varnothing 6.4$ mm, screw clamp type - Reciprocating Stroke (variable): 0~7,600 times/min. - Accessory: Standard Accessories 1 set - Lubrication Oil, - Lubrication Nozzle for LUSTER 30,000 rpm max	NLS-110	1483
	LUSTER Attachment (Pistol Type polisher) (Reciprocating motion)	- Weight: 1 lb 7.99 oz - Stroke Range: 0~6 mm (variable) - Max tool shank diameter $\varnothing 6.4$ mm, screw clamp type - Reciprocating Stroke (variable): 0~7,600 times/min. - Accessory: Standard Accessories 1 set - Lubrication Oil, - Lubrication Nozzle for LUSTER 30,000 rpm max	LS-100	1302
	EXTENSION JOINT	- Weight: 2.93 oz - Pin Spanner (K-233) 1 pc. 35,000 rpm max	CN-01	1015
	1/4 SPEED REDUCER	- Weight: 2.40 oz - Pin Spanner (K-233) 1 pc. 30,000 rpm max	RG-01	1009
	1/15 SPEED REDUCER	- Weight: 3.28 oz - Pin Spanner (K-233) 1 pc. 30,000 rpm max	RG-02	1010

The **Emax EVolution** electric micro grinder is high-speed, quiet, and smooth. With 13 attachment options, this micro grinder is made for constant use in a variety of applications. These tools are strong enough for industrial deburring, but versatile enough for a woodworking or jewelry enthusiast.

Features

- Maximum Speed: 25,000 rpm (EV250) or 40,000 rpm (EV410)
- Maximum Power Output: 73W (EV410), 76W (EV250)
- Advanced control function with motor speed and load meter
- Compact, portable design
- (2) motor connection capability
- FiXpeed Function allows for programable fixed speeds for each motor
- Auto Cruise Function eliminates the need for foot pedal control
- Patented Dust Protection Mechanism in the handpiece that prevents entry of foreign materials
- 13 attachments available



MODEL	ORDER CODE	ATTACHMENT	MOTOR	SPEED	TORQUE	OUTPUT POWER	INCLUDES
EV410-IR	8231	IR-310	ENK-410S	1,000~40,000 rpm	4.3 cNm	73W	Micro Grinder Collets (CHH-3.175, CHH-2.35) Control Unit (NE249) Handpiece Holder Handpiece Stand Power Supply cord Spanner Pin Spanner (K-233) L-shaped Spanner
EV410-IH	8222	IH-300	ENK-410S	1,000~40,000 rpm	4.3cNm	73W	
EV250-IR	8232	IR-310	ENK-250T	1,000~25,000 rpm	4.8cNm	76W	

QUIET COMFORT

With an amazing vibration-free design, the Emax EVolution is quiet and comfortable to use.