



AMERICAN ROTARY TOOLS CO. (ARTCO TOOLS)
250 WEST DUARTE ROAD, #E
MONROVIA, CALIFORNIA USA 91016-7464

Motors & Spindles Micro-grinders

Ultra-Precision Electrically / Pneumatically Driven

Tel: (626) 358-8466 Fax: (626) 358-0076
Toll Free US Tel: (800) 624-2212 Fax: (800) 624-2210
Email: info@artcotools.com



NSK America Precision & Reliability



2016 / 17
Edition

Ultra Sonic Products



SHEENUS neo

22.5 KHz

ULTRASONIC POLISHER

- SHEENUS neo can be used for grinding, polishing and mirror finishing on a wide range of materials from aluminum dies to cemented carbide dies. It is also perfect for plastic molds, press, casting, forging, trimming and header dies.
- This tool quickly removes hard layer of EDM deposits and polishes difficult areas such as complex corners and ribs.



SONIC-CUTTER

39.5 KHz

ULTRASONIC CUTTER

*** Not available for sale in Europe.**

- Max. Output Power : 30W
- Intricate and accurate cutting with a light touch.
- Machine attachment type is also available.



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EmaxEVO

ESPERT

ROTUS

IMPULSE

PRESTO II

SHEENUS

neo

SONIC

CUTTER

2

iSpeed3

E2280

ø1.0"/ø0.98"

E2280

ø0.897"

E3000

- One Piece

E3000

- Modular

ø1.18"

ø1.0"/ø0.98"

ø0.897"

E3000

- 80,000rpm

E4000

3

MA

ø0.897"

ø1.0"

ø0.98"

ø1.18"

MS

ø0.75"

ø0.75"

ø0.87"

ø0.91"

ø1.0"

ø0.98"

4

HES

HTS

HPS

PLANET

Xpeed

ABT

5

AIR LINE KIT

6

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- “SHEENUS neo” can be used for grinding, polishing and mirror finishing on a wide range of materials from aluminum dies to cemented carbide dies. It is also perfect for plastic molds, press, casting, forging, trimming and header dies.
- This tool quickly removes hard layers of EDM deposits and polishes difficult areas such as complex corners and ribs.
- Capabilities include bur removal, grinding and polishing of precision molds, dies electronic and ceramic components.

CAT. No. 8094 SHEENUS neo STANDARD SET



Specifications

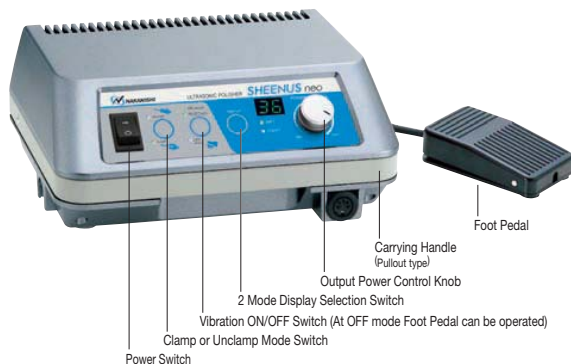
Controller Model	: NE240 120V
Power Source	: AC120V, 50-60Hz
Power consumption	: 100VA
Dimensions	: W8.86" x D7.68" x H3.82"
Oscillation frequency	: 22.5KHz (center frequency)
Power conditioning	: Continuous variable type
Frequency control	: Homing type
Output power	: UNCLAMP mode Max. 45W
	: CLAMP mode Max. 20W
Weight	: 4 lb. 10.07 oz.
Handpiece Model	: US-25PB
Oscillator	: PZT piezoelectric type
Attachment fixing	: M6 screw
Cable length	: 6 ft
Dimensions	: ø0.63" (Max. ø1.10") x L5.28"
Weight	: 4.94 oz. (excluding cable)



SHEENUS neo Standard Set

CAT. No.	Model	Standard Equipment	Price
8094	US-25PBS 120V	<ul style="list-style-type: none"> • Controller (NE240 120V) • Ultrasonic Handpiece (US-25PB) • Included Accessories : 1 set [Tip Holder (60902, 60922) 2 pcs., Ceramic fiber grindstone (60735) 1 pc., Electroplated diamond file (60101) 1 pc.] • Tool box (plastic) : 1 pc. • Handpiece stand (K-274) : 1 pc. • Wrench (10 mm) • Allen Wrench (2.5 mm) • Foot Pedal (FC-24) : 1 pc. • Fuse AC120V (T1.6AH 250V) : 2 pcs. 	2,892.00

CAT. No. 8096 CONTROLLER NE240 120V



- Digital Displayed Function
2 Mode Display Selection : “WATT” “POWER”
- Easy Touch Function Switches
- Powerful and Constant
Maximum output of 45W (Center Frequency 22.5KHz) and constant output power.

CAT. No.	Model	Standard Accessories	Price
8096	NE240 120V	• Fuse AC120V (T1.6AH 250V) : 2 pcs.	1,214.00

CAT. No. 8099 HANDPIECE US-25PB







*Tip holder and Ceramic fiber grindstone in this picture are not provided when only handpiece US-25PB is purchased.

- Ergonomically comfortable and light for effortless work over long periods.
- Lightweight, resin body ergonomically designed to provide precise control while operating.

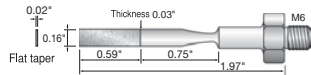
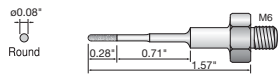
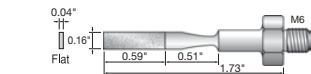
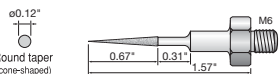
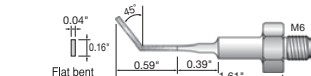
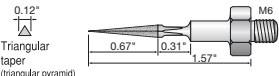
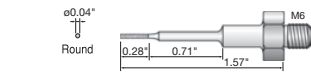
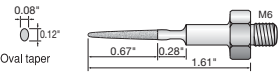
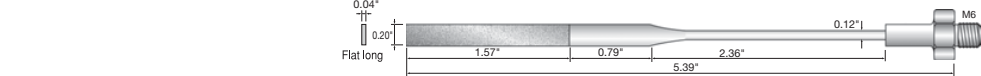
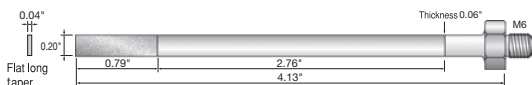
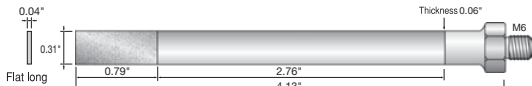
CAT. No.	Model	Specifications	Price
8099	US-25PB	<ul style="list-style-type: none"> • Oscillator : PZT piezoelectric type • Attachment fixing : M6 screw • Cable length : 6 ft (2.12 oz.) • Dimensions : ø0.63" (Max. ø1.10") x L5.28" • Weight : 4.94 oz. (excluding cable) 	1,821.00

SHEENUS neo Spare Parts

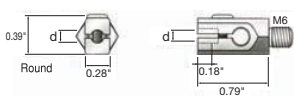
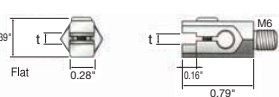
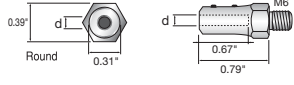
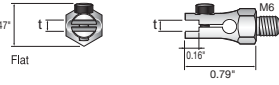
Product	CAT. No.	Description	Price
	SHE8103	FC-24 Foot Pedal (ON/OFF switch only)	111.00
	8104	K-274 Handpiece Stand	24.00

Product	Description	
	Wrench	10 mm Available in the market
	Allen Wrench	2.5 mm Available in the market


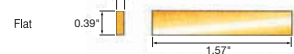
Electroplated diamond file (comes with 1 piece)

Diagram	Grit	CAT. No.	Price	Diagram	Grit	CAT. No.	Price
	# 200	60101	44.00		# 200	60155	37.00
	# 320	60102	44.00		# 320	60156	37.00
	# 600	60103	44.00		# 600	60157	37.00
	# 200	60105	44.00		# 200	60181	52.00
	# 320	60106	44.00		# 320	60182	52.00
	# 600	60107	44.00		# 600	60183	52.00
	# 200	60111	44.00		# 200	60185	52.00
	# 320	60112	44.00		# 320	60186	52.00
	# 600	60113	44.00		# 600	60187	52.00
	# 200	60151	37.00		# 200	60191	52.00
	# 320	60152	37.00		# 320	60192	52.00
	# 600	60153	37.00		# 600	60193	52.00
	# 200	60115	52.00		# 200	60115	52.00
	# 320	60116	52.00		# 320	60116	52.00
	# 600	60117	52.00		# 600	60117	52.00
* Flat long type is used to set output power LOW mode.							
	# 200	60231	65.00		# 200	60231	65.00
	# 320	60232	65.00		# 320	60232	65.00
	# 600	60233	65.00		# 600	60233	65.00
	# 200	60235	70.00		# 200	60235	70.00
	# 320	60236	70.00		# 320	60236	70.00
	# 600	60237	70.00		# 600	60237	70.00



Special tip holder (comes with 2 pieces)

Diagram	Grain diameter	CAT. No.	Price	Diagram	Grain diameter	CAT. No.	Price
	d=0.08"	60901	47.00		t=0.03"	60921	47.00
	d=0.12"	60902	47.00		t=0.04"	60922	47.00
	d=0.126"	60904	43.00		t=0.08"	60923	47.00
	d=0.13"	60903	47.00		t=0.12"	60924	47.00
					t=0.126"	60925	47.00
	d=0.08"	60911	47.00		t=0.04"	60927	47.00
	d=0.12"	60912	47.00				
	d=0.126"	60913	47.00				

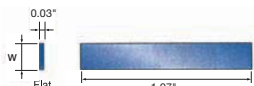

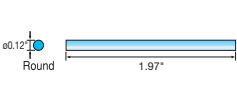
Brass lapping tip (comes with 5 pieces)

Diagram	Grain diameter	CAT. No.	Price
	d=0.08"	60801	15.00
	d=0.12"	60802	15.00
		60805	19.00

Wood lapping tip (comes with 10 pieces)

Diagram	CAT. No.	Price
	60811	42.00
	60815	42.00

Ceramic fiber grindstone (comes with 2 pieces) Use a special tip holder for clamping sold separately.

Diagram	Grit	Color	W=0.16"	Price	W=0.24"	Price	Diagram	Grit	Color	W=0.16"	Price	W=0.24"	Price	W=0.39"	Price	Diagram	Grit	Color	W=0.12"	Price
	# 180	Ivory	60701	31.00	60711	41.00		# 180	Ivory	60721	27.00	60731	41.00	62961	50.00		# 180	Ivory	63101	37.00
	# 300	Brown	60702	31.00	60712	41.00		# 300	Brown	60722	27.00	60732	41.00	62962	50.00		# 300	Brown	63102	37.00
	# 400	Orange	60703	31.00	60713	41.00		# 400	Orange	60723	27.00	60733	41.00	62963	50.00		# 400	Orange	63103	37.00
	# 600	Black	60704	31.00	60714	41.00		# 600	Black	60724	27.00	60734	41.00	62964	50.00		# 600	Black	63104	37.00
	# 800	Blue	60705	31.00	60715	41.00		# 800	Blue	60725	27.00	60735	41.00	62965	50.00		# 800	Blue	63105	37.00
	# 1,000	White	60706	31.00	60716	41.00		# 1,000	White	60726	27.00	60736	41.00	62966	50.00		# 1,000	White	63106	37.00
	# 1,200	Pink	60707	31.00	60717	41.00		# 1,200	Pink	60727	27.00	60737	41.00	62967	50.00		# 1,200	Pink	63107	37.00

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2
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e1.0"/e0.98"
E2280
e0.897"
E3000
- One Piece
E3000
- Modular
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e0.87"/e0.91"
e1.0"/e0.98"
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