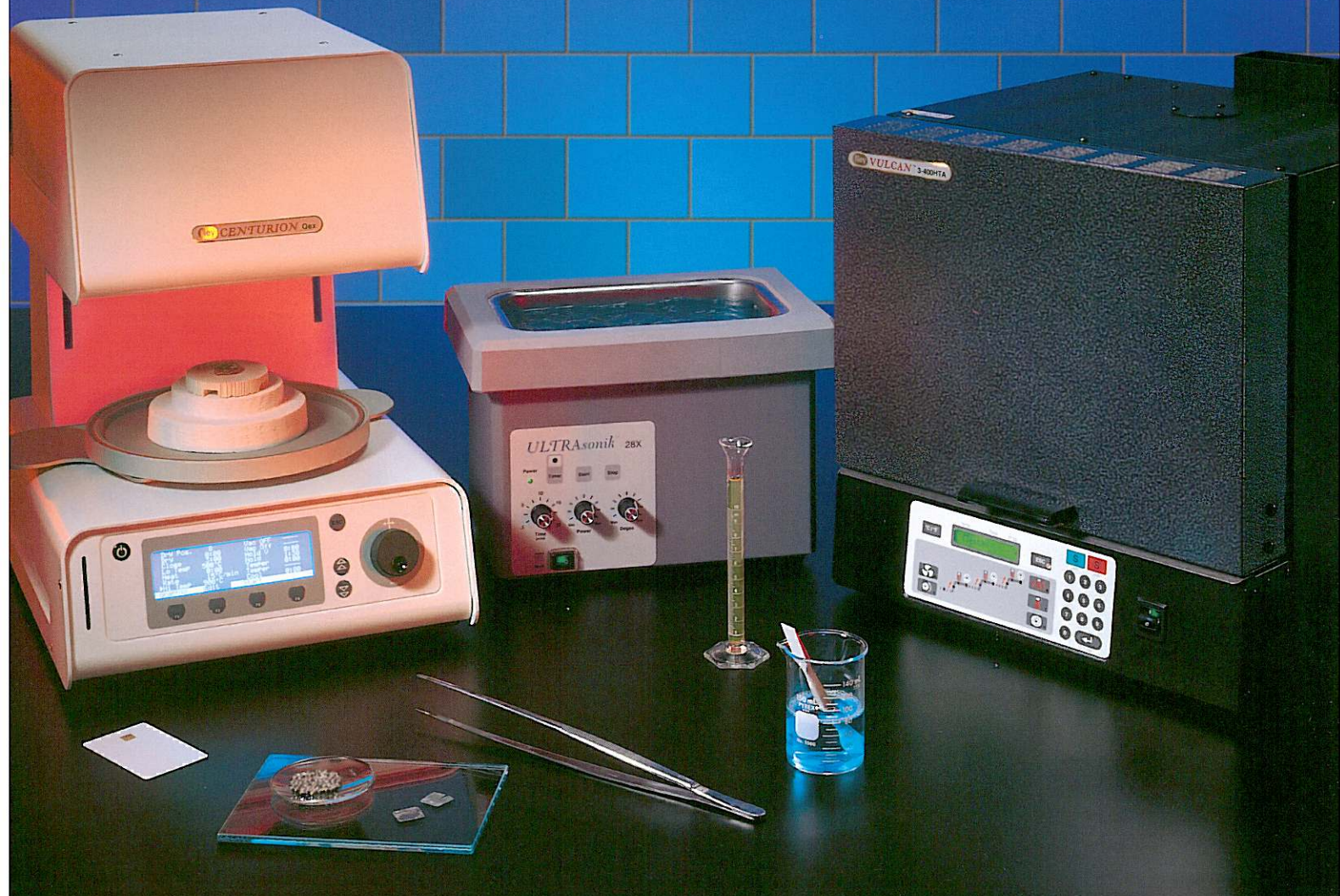


Powerful, Versatile Equipment for *Research* and *Production*

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NEYTECH™

The Name to Know / Division of Degussa-Ney Dental Inc.

NEYTECH means intelligent design, user-friendly operation. Backed by one of industry's oldest names... From benchtop furnaces, ultrasonic cleaners and specialized detergents, and more, Neytech offers cost-effective equipment that boosts productivity on the shop floor, in the R&D facility, and in the lab.

NEYTECH has its roots in Ney, one of the oldest names in American industry. Today, Neytech is a division of the international leader Degussa-Ney Dental. Neytech's sister division, Ney Dental, adds a wealth of specialized experience in the dental/medical laboratory market. These elements join to create one of the broadest, most dynamic, and cost-effective product lines and the resources to serve it.



Furnaces with Hot Features, Cool Versatility and Economy

NEYTECH offers a full line of benchtop furnaces with analog or digital controllers. These products feature high performance muffles for durability, long life, faster heating and cooling and easy element replacement. All Vulcan series furnaces include a full two year warranty.

Vulcan 3-400 HTA 1225°C Digital Benchtop Furnace

Perfect for metal heat-treating, ceramics firing, sample ashing, and material analysis.

- Fast, 104°F(40°C) per minute ramp rate – 2237°F(1225°C) maximum temperature
- Quartz shielded heating elements & thermocouple for high performance and long life
- Multi-stage PID controller includes programmable Venturi exhaust system
- RS-232 data communication port for easy program downloads
- Venturi exhaust system increases exhaust rate of combustion gases

Vulcan Benchtop Furnaces

Available with either an analog, single-set point or a 3-stage digital PID controller. Any two of the nine (3 stage) programs can be linked, resulting in a six stage program. Choose from standard furnaces or ashing furnaces, which include an exclusive air venturi exhaust system to increase the exhaust rate of combustion gases or choose our exclusive power door model.



NEYTECH™ Qex Vacuum Furnace

- Durable, high performance quartz spiral muffle
- 1200°C (2192°F) maximum temperature
- Vacuum or gas backfull
- 100 segment program capacity
- Memory cards for program storage
- Positive and negative ramp control
- RS-232 com port for data logging and computer interfacing

Benchtop Ultrasonic Cleaners for Efficient, Economical Cleaning

Ideal for low-volume production, maintenance or laboratory cleaning of metal, plastic, glass, ceramic or composites, NEYTECH™ ULTRASONIK® bench top cleaners offer a choice of integral control of heat, timed cleaning cycle and modulation of the patented, digital ultrasonic wave-form. Available in either conventional ultrasonic wave, found in the version C series, or the digital modulation wave found in the X-series. All cleaners feature durable stainless steel tanks and aluminum enclosures with a corrosion resistant, baked powder-coat finish. Tank sizes range from 1.4 to 20.8 liters and come with or without heat and timer.



ULTRASONIK™ Benchtop Cleaners

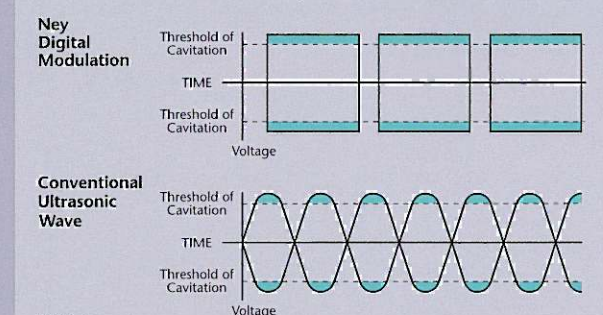
- Water resistant construction with vertical mounted electronics
- Integral timer switch
- Degas control (on specified models)
- Heat option to maintain temperature at 140-158°F(60-70°C) (on specified model)
- Two year warranty
- Full line of accessories, including covers, perforated pans, and beaker rings

Mini-ULTRASONIK™ Cleaner

NEYTECH's compact Mini-ULTRASONIK™ is a true ultrasonic cleaner, not a vibrating machine. It features strong cleaning action, very quiet operation, a stainless steel tank and heavy-duty molded cabinet.

- Capacity: 8 oz. (267 ml)
- 90 day warranty
- Dimensions: Exterior w/ cover 5-1/4" W x 5-1/4" D x 4-5/8" H ; Tank 3-5/8" dia. x 2" deep

Ney's digital modulation* maximizes the cleaner's effectiveness. Transducer power remains above the cavitation threshold, so more energy is used in productive cavitational activity. Digital modulation contrasts with the conventional ultrasonic wave form with fixed sound characteristics and limited cavitational activity.



*X-Series only

NeyClean Detergents

use precise combinations of surfactants, wetting agents, and chelators for the toughest cleaning tasks. They work as a direct addition powder or a static presoak. Safe for operators and the environment, easily disposed and biodegradable, safe for sensitive instruments.

NeyClean GP is a general purpose cleaner and degreaser that cleans virtually any material including metals, rubbers, plastics, glass, and porcelain.



NeyClean EZ uses powerful enzymes to penetrate tough, organic soils such as blood and tissue residues.

NeyClean SP attacks the chemical bonds of stone, plaster, and investments. Perfect for cleaning molds and castings. Reduces or eliminates the need for manual cleaning and shell blasting.

Furnace Specifications

Model	NEYTECH Qex	3-1750A 3-1750	A-1750	3-550A ¹ 3-550PD ² 3-550	A-550	3-400HTA ³	3-130	A-130
Control Type	Open Programming	3-stage digital	dial analog	3-stage digital	dial analog	3-stage digital	3-stage digital	dial analog
Venturi-drive Preheated Air Exchange	No	Optional	No	Optional	No	Yes	No	No
Chamber Dimensions								
width	100mm (4") Dia.	360mm (14")	360mm (14")	230mm (9")	230mm (9")	183mm (7.2")	140mm (5.7")	140mm (5.7")
depth		320mm (12.5")	320mm (12.5")	230mm (9")	230mm (9")	225mm (8.9")	130mm (5.2")	130mm (5.2")
height	570mm (2.25")	250mm (10")	250mm (10")	180mm (7")	180mm (7")	163mm (6.4")	120mm (4.6")	120mm (4.6")
Chamber Size		1750 cu.in.	1750 cu.in.	550 cu.in.	550 cu.in.	400 cu.in.	130 cu.in.	130 cu.in.
Cabinet Dimensions								
width	330mm (13")	610mm (24")	610mm (24")	400mm (15.8")	400mm (15.8")	400mm (15.8")	290mm (11.5")	290mm (11.5")
depth	440 (17.4") open	535mm (21")	535mm (21")	430mm (17")	430mm (17")	430mm (17")	330mm (13")	330mm (13")
height (door open)	480mm (19")	815mm (32")	815mm (32")	630mm (25")	630mm (25")	630mm (25")	510mm (20")	510mm (20")
height (door closed)	330mm (13")	545mm (21.5")	545mm (21.5")	410mm (15.8")	410mm (15.8")	410mm (15.8")	350mm (13.8")	350mm (13.8")
Maximum Operating Temperature	1200°C 2192°F	1100°C 2012°F	1100C 2012°F	1100°C 2012°F	1100°C 2012°F	1225°C 2237°F	1100°C 2012°F	1100°C 2012°F
Maximum Ramp Rate	225°C/min 405°F/min	40°C/min 72°F/min	N/A N/A	40°C/min 72°F/min	N/A N/A	40°C/min	40°C/min	N/A
Power Consumption (watts)	1440w (less pump)	3100w <4800	3100w <4800	1300w <1500	1300w <2200	2300w	750w@120V 650w@240V	580w@120V 650w@240V
Watts to Maintain 1000C	<500 muffle closed (no Vac. Pump)	2200	2200	1050	1050	(1100°C) 1525	525	525
Net Weight	21kg (45lbs)	46kg (100lbs)*	45kg (100lbs)	21kg (45lbs)*	20kg (45lbs)	24.5kg (54lbs)	11kg (25lbs)	11kg (25lbs)

* add 2 lbs for 3-1750A, 3-550A, 3-550PD ¹A - Air Exchange/Ashing ²PD - Power Door ³HTA - High Temp/Air Exchange
Specifications subject to change without notice.

Call Today: **800-426-8834**

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www.neytech.com

NEYTECH

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