

Series 1000

Small-Bone Instrument System

MICROAIRE®
For Surgery. For Life.™



The MicroAire® Series 1000 Small-Bone Instrument System offers reliable, smooth-running power with a wide selection of head modules for drilling, sawing and wire-driving.

SYSTEM COMPONENTS

- ▶ The industry's first and only completely modular small-power orthopaedic system
- ▶ A pneumatic-motor handpiece or an electric-motor handpiece (with or without fingertip throttle)
- ▶ Interchangeable head modules
- ▶ A quick-connect system that enables head-module switching during a procedure without disconnecting hoses or cables



1000-100

Pneumatic Motor Handpiece

- ▶ Powered by compressed air
- ▶ Optional 9100-000 foot pedal
- ▶ Various air-hose connectors available, to match your existing air-power source
- ▶ Variable-speed throttle

Pneumatic motor with throttle

- 1000-100 with MicroAire® connector
- 1000-200 with Hall® connector
- 1000-600 with Synthes® connector



Sterilization cases for Series 1000 and other instruments can be found on pages 23 - 27.

Accessories

2651-000	Sterilization Case	p. 23
9000-000	3-meter pneumatic hose with MicroAire® connector	p. 26
9013-000	3-meter pneumatic hose with Hall® connector	p. 26
9010-000	Throttle locking rings, 10 pack	p. 27
9500-000	Single-outlet regulator	p. 27
9502-000	Dual-outlet regulator	p. 27
9100-000	Pneumatic foot control with 3-meter hose	p. 27

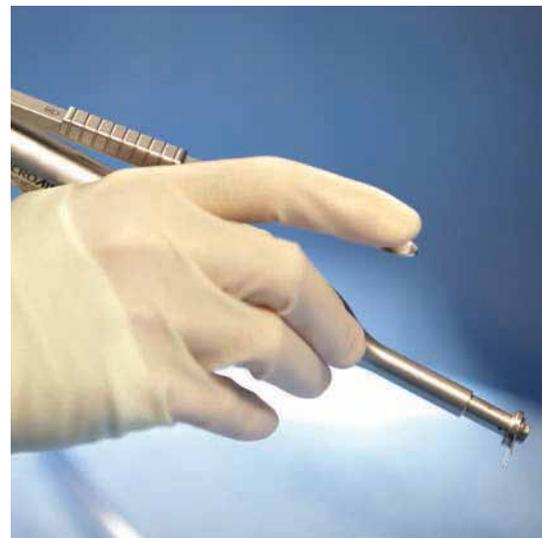
1000ET

Electric Motor Handpiece

- ▶ Powered by the 1025 Universal Electric Console
- ▶ Also available without fingertip throttle (1000E)
- ▶ Optional 6401-000 foot pedal
- ▶ Variable-speed throttle

Accessories

2651-000	Sterilization Case	p. 23
1025	Universal Electric Console	p. 21
1006-1000	Cable for 1025 console	p. 21
6401-000	Foot pedal for 1025 console	p. 21



Drill Head Modules



1930 Micro Drill

Operating Speed: 30,000 RPM

The work-horse of small bone surgery

Sculpting, drilling, wire driving and reaming intramedullary canals for small bones

Built-in medium-length bur guard

Long and extra-long bur guards available

Accessories (See Value Options Catalog)

1100-005	Long Bur Guard
1100-006	Extra-Long Bur Guard
1140-010	Irrigation Clip

Use with any of MicroAire's extensive selection of ZB-series burs (excluding ZB-6XX osteon burs)



1980 Jacobs® Style Drill (5/32")

Operating Speed:
1,670 RPM

Jacobs-style twist drills without switching over to a wire driver

1645-004
Key included



Accessories

MicroAire 8051 and 8054-series twist drills

Diameter between 1.0mm and 4.0mm, up to 127mm in length

1645-004 Key (included)



2130 High-Speed Drill

Operating Speed: 90,000 RPM

High speed for bone sculpting

Well-balanced, high-performance

Oral and maxillofacial, orthopaedic, plastic and reconstructive surgery

2910-012 Medium Bur Guard included

Accessories (See Value Options Catalog)

2910-010	Irrigation Clip
2910-011	Long Bur Guard
2910-019	Extra-Long Bur Guard
2910-012	Medium Bur Guard (included)



1990 Synthes® Style Drill

Operating Speed:
1,670 RPM

Accessories

MicroAire 8053-series quick-coupling twist drills

Diameter between 0.1mm and 3.5mm, up to 127mm in length



1932 20° Angled Drill

Operating Speed: 30,000 RPM

20° angled drill head with twist-lock

Precision bone sculpting, cutting and drilling

Orthopaedic, oral and maxillofacial, podiatric, plastic and reconstructive surgeries

Accepts long and extra-long burs for hard-to-reach areas

Accessories (See Value Options Catalog)

1100-005	Long Bur Guard
1100-006	Extra-Long Bur Guard
1140-010	Irrigation Clip



1995 Wire Driver

Operating Speed:
1,400 RPM

Automatic grip mechanism securely holds the wire while being driven

Automatically advances wire when the instrument collar is pulled back

Grip mechanism can be locked into position for wire removal

Accessories

Non-threaded K-Wires with guide between .028mm and .062mm in diameter

Saw Head Modules



1922
Micro Sagittal Saw

Operating Speed: 30,000 CPM
Sagittal saw module provides the ultimate in control, power, and maneuverability
Transverse or wedge osteotomies
Accepts a variety of ultra-thin (.3 mm) straight, angled, bent or offset blades



1950
Keyless Hall® Style Sagittal Saw

Operating Speed: 18,000 CPM
Powerful saw designed to operate longer and larger sagittal saw blades
Simple push-button release, eliminates the need for a hex wrench to lock blades
Blades positioned at any location along a 160° arc
Good visibility and optimal approach
Transverse or wedge osteotomies



1955
Hall® Style Sagittal Saw

Operating Speed: 18,000 CPM
Powerful saw designed to operate longer and larger sagittal saw blades

Blades positioned at any location along a 160° arc

Good visibility and optimal approach
Transverse or wedge osteotomies

Blades are secured in place with a 2250-001 Locking Tool (included)

Accessories

2250-001 Locking Key (included)



1970
Micro Oscillating Saw

Operating Speed: 24,000 CPM
Precise curved and straight osteotomies
Very small head provides optimal visibility



1972
Oscillating Saw

Operating Speed: 24,000 CPM
Specifically designed for foot surgery
Wide selection of straight, bent and crescentic cutting blades
Blades are secured in place by using the 1745-001 Locking Tool (included)

Accessories

1745-001 Locking Tool (Included)



1976
Keyless Oscillating Saw

Operating Speed: 18,000 CPM
Wide selection of straight, bent and crescentic cutting blades



1945
Reciprocating Saw

Operating Speed: 16,000 CPM
Powerful, quick-cutting reciprocating saw
Oral and maxillofacial surgery
Shaping, contouring and preparing intramedullary canals of small bones

1625

Pencil Grip Wire Driver

- ▶ Cannulated to 1.6mm
- ▶ Accepts K-wires with special plastic guides
- ▶ Also accepts special Twist Drills (wire guide 1600-012NS required, not included)
- ▶ Various air-hose connectors available to match your existing air-power source



▶ 6640-002 Wire Guard Included

Pencil Grip Wire Driver

1625-100 with MicroAire® connector

1625-200 with Hall® connector

1625-600 with Synthes® connector

Accessories

9000-000	3-meter pneumatic hose with MicroAire® connector	p. 26
9013-000	3-meter pneumatic hose with Hall® connector	p. 26
9010-000	Throttle locking rings, 10 pack	p. 27
9500-000	Single-outlet regulator	p. 27
9502-000	Dual-outlet regulator	p. 27
9100-000	Pneumatic foot control with 3-meter hose	p. 27

2500

Impactor Power Osteotome

The 2500 Impactor is a unique, multi-purpose precision instrument that combines the control of a manual instrument with the efficiency of a powered instrument. The linear impulse motor impacts the cutting blade at high frequency. The blade remains essentially stationary, preventing jumping or heating at the blade tip. The 2500 Impactor is powered by compressed nitrogen at 40 – 115 psi. The greater the pressure, the greater the frequency of impulses. The autoclavable instrument requires no lubrication and is available with optional foot control.

- ▶ Shave precise layers and smoothly sculpt edges
- ▶ Minimal pressure allows delicate bone sculpting
- ▶ Perform dorsal hump reductions
- ▶ Decorticate the donor bone from the iliac crest and other sites
- ▶ Bone graft harvesting
- ▶ Rhinoplasty
- ▶ Orthopaedic/foot and ankle

Osteotomes

2500-203	Osteotome 10mm x 50mm
2500-205	Osteotome 06mm x 80mm
2500-206	Osteotome 10mm x 80mm
2500-209	Osteotome 15mm x 70mm
2500-216	Osteotome 10mm x 80mm
2500-316	Osteotome 06mm x 80mm

Gouges

2500-230	Gouge, Curved, 10mm x 80mm
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Accessories

9000-000	MicroAire Standard Air Hose	p. 26
9100-000	Foot Control (3 meter), Schrader connector	p. 27
9010-000	Throttle Locking Rings	p. 27
9500-000	Regulator, Single Outlet	p. 27
9502-000	Regulator, Dual Outlet	p. 27
9650-000	Sterilization Case	p. 24

