

# ULTRAFORM - UF0103

Powerful but also precise, is what the UF0103 it is all about! This next generation of ULTRAFORM was based off the reliable UF 5600 platform and has been enhanced with new features such as 100 watts of output, a powerful but precise “NANO” mode for ultra fine control and an LCD monitor to name a few. ULTRAFORM polishing and grinding tools set the industry standard with long lasting high quality tools that make polishing easy.

## FEATURES:

- Grinding can be completed quickly with 100W output or adjusted down for finish polishing
- Built-in LCD monitor indicates status of vibrations and the setting (including error status)
- Various polishing modes (hard/soft)
- Automatic power-off function ensures shut-down
- Output information memory
- Oscillator lowers power output if the tool generates heat so work can continue
- New “NANO mode” function provides ultra-fine amplitude control
- DC Motor Rotary Handpiece (PHP35) and Ultrasonic Handpiece (UF9705) are standard accessories.



**ITEM NUMBER**  
UF0103

## UF-0103 Standard Set consists of:

- Power Pack (UF-0103)
- Ultrasonic handpiece (UF-9705)
- DC motor Rotary handpiece (PHP35)
- Standard tools and accessories
- Power cord
- Tool box

### PHP35

DC Motor Rotary handpiece

Rotation speed : 0 – 35,000 rpm max.  
 Maximum torque output : 6.5 Ncm  
 Motor cord length : 1.5 M (Curl type)  
 Dimension :  $\Phi$ 26mm x 150L mm  
 Weight : 200 grams (not including cord)



### UF-9705

Ultrasonic Transducer Handpiece

Transducer : B.L.T. electro-strictive  
 Cable length : 1.7 M  
 Screw thread : M6 (with M6-M4 with adaptor)  
 Dimension : 28 $\phi$  x 128.5 L mm  
 Weight : 150 grams (not including cord)



Standard attachments  
for UF9705

## UF-0103 -Specifications

- Body color: Black
- Power Supply: Single phase
- Input Capacity: 300 VA
- Amplitude adjustment: 99 steps AC100-120V / AC200-240V / 50/60Hz
- Max. Power Output: 100 W
- Frequency: 17 – 31 kHz
- Automatic feedback system
- Applicable standard: CE certification
- Dimension: 180W x 252D x 215H mm
- Weight: 5.3 kgs

# ULTRAFORM - UF0103

## UF9705 ATTACHMENTS:

STANDARD ATTACHMENT TOOLS FOR UF9705	
SE5845	DIAMOND FILE
SE9801	DIAMOND FILE
SE7841	DIAMOND FILE
SE6803	DIAMOND FILE
SE3803	DIAMOND FILE
SD1802	DIAMOND STONE
SD4862	DIAMOND STONE
MD8862	C1 DIAMOND FILE
SE8851	DIAMOND FILE
SD1802	DIAMOND STONE
NSP106F	CERAMIC STONE (#600)
NSB106F	CERAMIC STONE (#800)
NSPD3F	CERAMIC STONE (#600)
NSBD3F	CERAMIC STONE (#800)
MX4010	TOOL CLAMPS
MX1030	TOOL CLAMPS
UF7302	SPANNER WRENCH (M8)
UF7305	SPANNER WRENCH (M10)
UF7003	CLAMP HORN KEY (M3)



## OPTIONAL ACCESSORIES:

### UF-7405 (Optional)

Ultrasonic handpiece (Transducer)

Transducer : B.L.T. electro-strictive

Cable length : 1.7 M

Screw thread : M8

Dimension : 40φ x 150.0 L mm

Weight :310 grams (not including cord)



UF7405 ATTACHMENTS

### STANDARD ATTACHMENT TOOLS UF7405

LD0762	DIAMOND STONE
LD0721	DIAMOND STONE
NSP212F	SUPERSTONE (FLAT,2t x 12w, #600-BROWN)
NSB212F	SUPERSTONE (FLAT, 2t x 12w , #800-BLUE)
LX4020	TOOL CLAMPS
UF7307	SPANNER WRENCH (M12)
UF7014	SPANNER WRENCH (M14)
UF7005	HEXAGONAL WRENCH
UF7015	TOOL EXTRACTOR

# ULTRAFORM - UF0101

## FEATURES:

- Grinding can be completed quickly with 100W output or adjusted down for finish polishing
- Built-in LCD monitor indicates status of vibrations and the setting (including error status)
- Various polishing modes (hard/soft)
- Automatic power-off function ensures shut-down
- Output information memory
- Oscillator lowers power output if the tool generates heat so work can continue
- New “NANO mode” function provides ultra-fine amplitude control



## The ALL-AROUND SET

From rough grinding to ultra-fine polishing - this set can do it all!

PART NUMBER
UF0101AAS

Set includes:

OSCILLATORS & HANDPIECES	
UF0101	OSCILLATOR
UF9701	HANDPIECE
UF7401	HANDPIECE
ACCESSORIES	
UF7055	HANDPIECE CORD
UF7318	SPANNERS M12 & M14
UF7302	SPANNER M8
UF7305	SPANNER M10
UF7006	HEXAGONAL WRENCH M2.5
UF7003	HEXAGONAL WRENCH M3
UF7005	HEXAGONAL WRENCH M4
UF7015	TOOL EXTRACTOR M10 & M13
UF7101	POWER CORD 120V
UF7024	PROTECTOR SLEEVE SMALL (12 & 15 DIA. x 30l)
UF7502	HAND PIECE REST
UF7566	REPLACEMENT FUSE 3.15a / 120v

### UF0101 Oscillator Specifications

Frequency	17-31 kHz automatic feedback
Maximum output	100W
Amplitude adjustment	99 steps
Power Supply	Single phase AC100 to 250V 50/60 Hz
Electricity consumption	300VA
Outer Dimensions	226w x 252d x 180h (mm)
Weight	5.2 kg

TOOLS	
MS0064	M6-M4 ADAPTOR
SE5848	DIAMOND FILE (FLAT-TAPERED, 0.8-0.3t x 4w, #200)
SE5745	DIAMOND FILE (FLAT-TAPERED, 0.8-0.3t x 4w, #320)
SE6083	DIAMOND FILE (CONE-SHAPED, 3.0 DIA.)
SE3803	DIAMOND FILE (TRIANGULAR, 3Δ)
SE8851U	DIAMOND FILE (FLAT, 1t x 5w, #200)
SE8751U	DIAMOND FILE (FLAT, 1t x 5w, #320)
SD4862	DIAMOND STONE (FLAT, 1.5t x 6w, #200)
SD4762	DIAMOND STONE (FLAT, 1.5t x 6w, #320)
NSP084F	SUPERSTONE (FLAT 0.8t x 4w x 40l, #600-BROWN)
NSB084F	SUPERSTONE (FLAT 0.8t x 4w x 40l, #800-BLUE)
NSP106F	SUPERSTONE (FLAT 1.0t x 6w x 40l, #600-BROWN)
NSB106F	SUPERSTONE (FLAT 1.0t x 6w x 40l, #800-BLUE)
NSPD3F	SUPERSTONE (ROUND 3.0 DIA. x 30L, #600-BROWN)
NSBD3F	SUPERSTONE (ROUND 3.0 DIA. x 30l, #800-BLUE)
UMX1030	TOOL CLAMP
MX2680	TOOL CLAMP
LD0762	DIAMOND STONE
LD0721	DIAMOND STONE
NSP212F	SUPERSTONE (FLAT, 2t x 12w, #600-BROWN)
NSB212F	SUPERSTONE (FLAT, 2t x 12w, #800-BLUE)
LX4020	TOOL CLAMP

# ULTRAFORM - UF0101

## The TOUGH SET

Ideal for BIG jobs that need POWER!

**PART NUMBER**
**UF0101TS**

Set includes:

OSCILLATOR & HANDPIECES	
UF0101	OSCILLATOR
UF7401	HANDPIECE
TOOLS	
LD0762	DIAMOND STONE
LD0721	DIAMOND STONE
NSP212F	SUPERSTONE (FLAT, 2t x 12w, #600-BROWN)
NSB212F	SUPERSTONE (FLAT, 2t x 12w, #800-BLUE)
LX4020	TOOL CLAMP



ACCESSORIES	
UF7055	HANDPIECE CORD
UF7318	SPANNERS M12 & M14
UF7005	HEXAGONAL WRENCH M4
UF7015	TOOL EXTRACTOR M10 & M13
UF7101	POWER CORD 120V
UF7024	PROTECTOR SLEEVE SMALL (12 & 15 DIA. x 30l)
UF7502	HAND PIECE REST
UF7566	REPLACEMENT FUSE 3.15A/ 120V

## The NANO SET

Ideal for delicate polishing

**PART NUMBER**
**UF0101NS**

Set includes:

OSCILLATOR & HANDPIECES	
UF0101	OSCILLATOR
UF9701	HANDPIECE
ACCESSORIES	
UF7055	HANDPIECE CORD
UF7302	SPANNER M8
UF7305	SPANNER M10
UF7006	HEXAGONAL WRENCH M2.5
UF7003	HEXAGONAL WRENCH M3
UF7015	TOOL EXTRACTOR M10 & M13
UF7101	POWER CORD 120V
UF7024	PROTECTOR SLEEVE SMALL (12 & 15 DIA. x 30l)
UF7502	HAND PIECE REST
UF7566	REPLACEMENT FUSE 3.15a / 120v
TOOLS	
MS0064	M6-M4 ADAPTOR
SE5848	DIAMOND FILE (FLAT-TAPERED, 0.8-0.3t x 4w, #200)
SE5745	DIAMOND FILE (FLAT-TAPERED, 0.8-0.3t x 4w, #320)
SE6083	DIAMOND FILE (CONE-SHAPED, 3.0 DIA.)
SE3803	DIAMOND FILE (TRIANGULAR, 3Δ)



TOOLS (CONT)	
SE8851U	DIAMOND FILE (FLAT, 1t x 5w, #200)
SE8751U	DIAMOND FILE (FLAT, 1t x 5w, #320)
SD4862	DIAMOND STONE (FLAT, 1.5t x 6w, #200)
SD4762	DIAMOND STONE (FLAT, 1.5t x 6w, #320)
NSP084F	SUPERSTONE (FLAT 0.8t x 4w x 40l, #600-BROWN)
NSB084F	SUPERSTONE (FLAT 0.8t x 4w x 40l, #800-BLUE)
NSP106F	SUPERSTONE (FLAT 1.0t x 6w x 40l, #600-BROWN)
NSB106F	SUPERSTONE (FLAT 1.0t x 6w x 40l, #800-BLUE)
NSPD3F	SUPERSTONE (ROUND 3.0 DIA. x 30L, #600-BROWN)
NSBD3F	SUPERSTONE (ROUND 3.0 DIA. x 30l, #800-BLUE_)
UMX1030	TOOL CLAMP
MX2680	TOOL CLAMP
LD0762	DIAMOND STONE
LD0721	DIAMOND STONE
NSP212F	SUPERSTONE (FLAT, 2t x 12w, #600-BROWN)
NSB212F	SUPERSTONE (FLAT, 2t x 12w, #800-BLUE)
LX4020	TOOL CLAMP