

Gesswein Serie PH3

Gesswein®

Choose from six sturdy, true-running, well-balanced handpieces with powerful 30V DC air-cooled motors. Improved motor design increases torque by 20% and increases airflow to keep handpieces cool. They operate with minimal vibration and have flexible power cords for easy reach. All handpieces have a quick-tool-change feature and new on/off switch located on the motor. All six handpieces are two-piece construction and can accept various Power Hand head attachments. Supplied with 3/32" and 1/8" collets, collet wrenches and replacement motor brushes (Please visit www.gesswein.com for handpiece diagram and parts list).



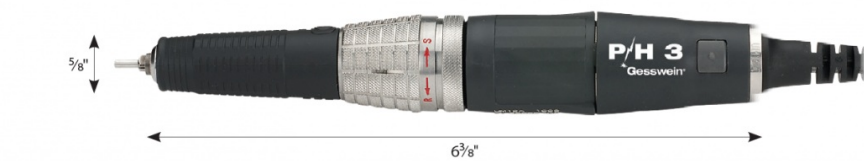
Gesswein Serie PH3

High-Torque Rotary Handpieces
Designed to handle the toughest jobs. These workhorses have the highest torque rating. Available in 3 different speeds: 8,000, 15,000, and our most popular 30,000rpm. Use for hand grinding, heavy deburring, cutting, polishing and finishing all types of material. Weight: 9.74 oz.



Description	Speed	Torque (Ncm)	Item#
08X	1,000–8,000rpm	9.8	510-3310
15X	1,000–15,000rpm	8.8	510-3320
30X	1,000–30,000rpm	6.8	510-3340

Standard Handpieces
These handpieces are smaller and lighter weight compared to the high-torque handpieces. They fit comfortably in the hand and are well suited for continuous use for general purpose grinding and polishing. Available in 20,000 and 35,000rpm. Weight: 7.76 oz.



Description	Speed	Torque (Ncm)	Item#
20X	1,000–20,000rpm	6.4	510-3330
35X	1,000–35,000rpm	5.4	510-3350

High Speed Handpiece
The lightest, fastest and most comfortable of our straight rotary handpieces. This 55,000rpm handpiece is a great choice for tools that perform at high speeds. Use for precision work. Weight: 6.70 oz.



Description	Speed	Torque (Ncm)	Item#
55X	1,000–55,000rpm	3.6	510-3370



POWER/HAND®3 Rotary Kits	
Start with these money saving kits. Includes PH3 Controller and handpiece of your choice.	
Description	Item#
PH3 Controller with 8X Handpiece	510-3390
PH3 Controller with 15X Handpiece	510-3391
PH3 Controller with 20X Handpiece	510-3392
PH3 Controller with 30X Handpiece	510-3393
PH3 Controller with 35X Handpiece	510-3394
PH3 Controller with 55X Handpiece	510-3396

High-Torque Motors

Description	Speed	Max. Torque (Ncm)	Item#
M-08X	1,000–8,000rpm	9.8	510-3311
M-15X	1,000–15,000rpm	8.8	510-3321
M-30X	1,000–30,000rpm	6.8	510-3341

Standard Motors

Description	Speed	Max. Torque (Ncm)	Item#
M-20X	1,000–20,000rpm	6.4	510-3331
M-35X	1,000–35,000rpm	5.4	510-3351

High-Speed Motor

Description	Speed	Max. Torque (Ncm)	Item#
M-55X	1,000–55,000rpm	3.6	510-3371



M08X, M15X, M30X Weight: 6.2 oz.



M20X, M35X Weight: 4.25 oz.



M55X Weight: 3.2 oz.

Head Attachments by Maximum RPMs



A. SZX Swing Head

Description	Max. Strkes /Min.	Item#
Swing Head	8,000	510-2256

B. Mini Filer Heads

Fixed Strke Length	Max. Strkes /Min.	Item#
0.5mm	12,000	510-2266
1.0mm	12,000	510-2264
1.5mm	12,000	510-2265

C. Micro-Angle Head

Description	Max. RPM	Item#
SAE90 90° Mini Micro	15,000	510-2261

D. Standard Head

Description	Max. RPM	Item#
Z-STX	55,000	510-2200

E. Contra-Angle Heads

Description	Max. RPM	Item#
Z-CNX Contra-Angle Head (120°)	15,000	510-2250

F. Right-Angle Heads

Description	Max. RPM	Item#
Z-ANX Right-Angle Head (90°)	15,000	510-2240

G. Heavy-Duty Head

Description	Max. RPM	Item#
Z-HDX	30,000	510-2230

H. Slender Head

Description	Max. RPM	Item#
Z-SLX	55,000	510-2220

POWER/HAND® Z-2X and Z-6X Reciprocating Profilers

Both Z-2X and Z-6X provide standard back-and-forth reciprocating action. They hold 1.5 to 6.35mm ($\frac{1}{4}$ ") diameter tools. Secured tools can float freely and be fixed at any position through 360°. Z-2X has a maximum of 7,020 SPM. Z-6X has a maximum of 4,200SPM. Comfortable grips allow prolonged use. Each weigh 24 oz.

Description	Stroke Length	Item#
A. Z-2X	0-2mm	510-2150
Z-6X	0-6mm	510-2160
Z-2X with PH3 Controller		510-3397
Z-6X with PH3 Controller		510-3398



POWER/HAND® BZX Belt Sander

Ideal for a wide variety of precision finishing applications. Use for deburr ing, and sanding flat and curved surfaces and narrow slots. Operates with minimal vibration and has flexible power cord for easy reach. Supplied with straight and 45°-angle arms for 6 and 8mm wide abrasive belts. Arms are spring-loaded for rapid belt changes. Weighs 16 oz.

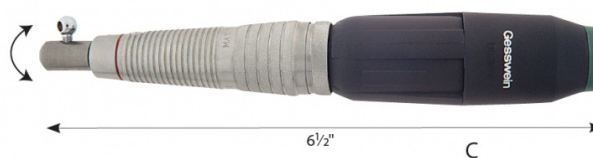
Description	Item#
B. BZX Belt Sander	510-2130
BZX Belt Sander with PH3 Controller	510-3399



POWER/HAND® SZX Side-to-Side Profiler

Provides unique side-to-side reciprocating action with adjustable stroke. Perfect for polishing base areas in deep cavities, corners and deep slots. Helps eliminate rounding of sharp corners. Prevents bottoming out in blind holes. Holds 1.5 to 5mm ($\frac{3}{16}$ ") diameter tools. Comfortable grip al lows prolonged use.

Description	Item#
C. SZX Profiler	510-2245
SZX Profiler with PH3 Controller	510-2289



PH3 Adaptor

The adaptor will connect new PH3 motors to our older PH2X controllers. The PH3 motors consist of 5-pronged plugs and the PH2X controllers have 3-prong plug receptacles. Therefore, this adaptor serves as a reducer from a 5 to 3-prong plug.

Description	Item#
D. PH3 Adapter	510-3304

