

Badeco

SWISS MADE

Manufacturing prestige tools in Geneva Since 1945

Drilling - Grinding - Polishing - Stone Setting - Engraving - Carving - Cutting - Hammering - Beveling - Deburring - Slicing - Filing



2026

Research & Development - Technology - Performance - Quality

A whole new dimension for the jewelry and watchmaking industries



EFFICIENCY LEVEL **VI**

Since its beginnings in 1945, BADECO offers its customers nothing else than Excellence!
Our tools are sustainable and protect our planet from over-consumption and waste.



Be smart....



M3 - ASF



WARRANTY

5

YEARS

The legendary - STURDY

32V 200W 26.5cNm 20'000rpm



Strong: Ø 26mm - 205g - 200W - 26.5 cNm – max 20.000 rpm – for 2 Micromotors
Contents of the kit: **M3ASF Strong** + E2501 + HP464 + PC750

Light: Ø 17mm - 105g - 90W - 15.5 cNm – max 20.000 rpm – for 2 micromotors
Contents of the kit: **M3ASF Light** + E3001 + HP460 + PC750

COMBI "Jewelry": Ø 26mm - 205g - 200W - 26.5 cNm – max 20.000 rpm
Contents of the kit: **M3ASF Strong** + E2501 + HP464+PC750

& Ø 17mm - 105g - 90W - 15.5 cNm – max 20.000 rpm
& **Light** + E3001 + Hammer 518C + PC750



The king of the micromotor since 1975!

The M3ASF is a large metal model with a good grip and robustness.

Its weight calculated on the gravity of the grip of the anodized aluminum handpiece accentuates its reliability and precision.

A side support will allow you to place the micromotor or to fix it to the workbench for example.

It is a very beautiful model of a high quality in its finish.

The finishing details further enhance its ergonomics for the most demanding jobs.

Product Features

Drilling, milling, grinding, polishing, hammering, setting stones, engraving, micro files; With overheating protection; With 2 motor outputs for the alternative use of 2 micromotors; Choice of manual control or use of the pedal; **Strong** (E2501) or **Light** (E3001) with 1,500 to 20,000 rpm; With a multifunctional pedal (ON / OFF and variator); 1 bracket mounted on the housing (second optional)

M3 - ASF



*** Price for a full set: 1x control unit + 1x micromotor Strong or Nano + 1x handpiece Strong or Nano + Foot Pedal PC800 + Lateral bracket + bench holder for Motor

Choice of a STRONG micromotor with the associated handpiece

Ø26mm - 150mm - 205g - 200W* - 26.5 cNm* - 20'000 Rpm

M3E400

Reduction gear ¼ Extra torque – max 5'000rpm



E2501



464

440

288

289

218USP

218SP

218C

3LC050

3LC100



Carbon Quick change HP46
collet Ø2.35 - 20'000rpm

Swiss Quick-change HP-SSC –
collet Ø2.35 - 20'000rpm

Exchangeable HP-MdMI –
collet Ø2.35 - 20'000rpm - With key

Exchangeable HP-MdMI – collet Ø2.35
5'000rpm - Strong and hardwork With key

Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

Choice of a LIGHT nanomotor with the associated handpiece

Ø17mm - 120mm - 100g - 90W* - 15.5 cNm* - 20'000 Rpm

NANO400

Reduction gear ¼ Extra torque – max 7'500rpm



E3001



518USP

518SP

518C

528USP

528SP

528C

5LC050

5LC100

5B90

460

Rapid strikes

One by one strikes



Carbon Quick change HP46
Collet Ø2.35 - 20'000rpm

Riveting and graving with tip 240.000
Without reduction gear – direct driver
C=Strong / SP=Fine / USP=Ultra fine

Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

Nano Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

Rotary angle 90°
Collet Ø3.00 – max 30'000rpm



M4 - ASF2

Professional Performance - STURDY

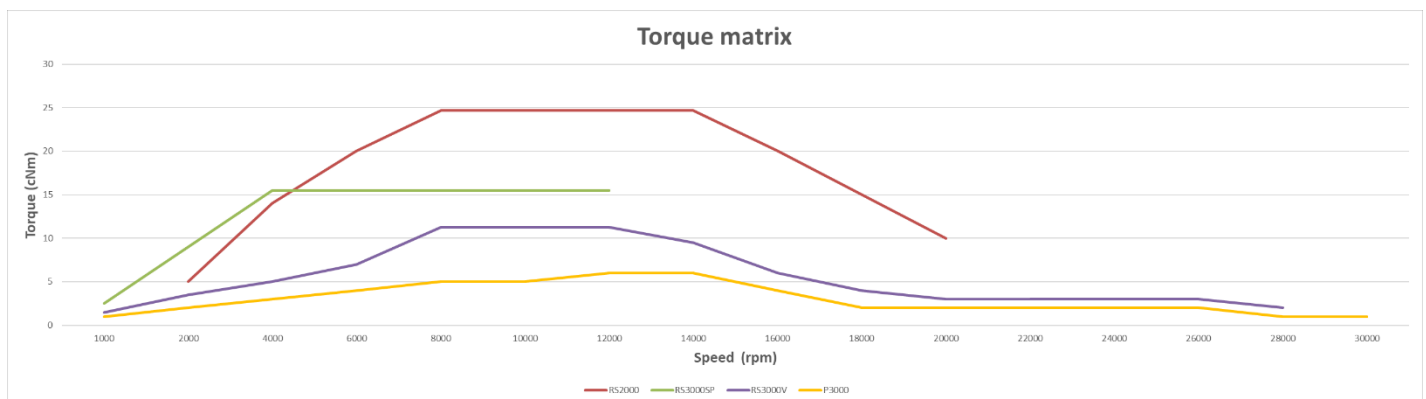
24V 180W 24.7cNm 30'000rpm



The master of the micromotor since 2010

Proven reliability in jewelry and watchmaking for 77 years; Drilling, milling, grinding, polishing, hammering, setting stones, engraving, micro-filing; available with 2 motor outputs for the alternative use of 2 micromotors; Choice of manual control or use of the pedal; Automatic memorization of engine speed in pedal mode and manual mode!

Strong 2,000 to 20,000 rpm; **Light** from 1,500 to 12,500rpm (for SP) or 30,000 rpm (for V); With a multifunction pedal (ON/OFF and variator); 1 support mounted on the housing (second option)



M4 - ASF2



*** Price for a full set: 1x control unit + 1x micromotor Strong or Nano + 1x handpiece Strong or Nano + Foot Pedal PC800 + Lateral bracket + bench holder for Motor

Choice of a STRONG micromotor with the associated handpiece

Ø26mm - 150mm - 205g - 180W - 24.7 cNm - 20'000 Rpm

M4RS400

Reduction gear ¼ Extra torque – max 5'000rpm



RS2000



318USP

318SP

4LC050

318C

4LC100

465

450

388

380



Carbon Quick change HP46
collet Ø2.35 - 20'000rpm

Swiss Quick-change HP-SSC –
collet Ø2.35 - 20'000rpm

Exchangeable HP-MdMI –
collet Ø2.35 - 20'000rpm - With key

Quick Exchangeable HP-MdMI –
Drill chuck capacity Ø 0 to 4.5mm with key

Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

Choice of a LIGHT nanomotor with the associated handpiece

Ø17mm - 105mm - 84g - 55W - 11.3 cNm - 30'000 Rpm

RS3000V



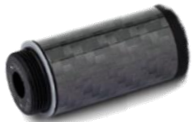
Ø17mm - 120mm - 100g - 90W - 15.5 cNm - 12'500 Rpm

RS3000SP



NANO400

Reduction gear ¼ Extra torque – max 7'500rpm



518USP

518SP

528USP

528SP

5LC050

5LC100

5B90

460

518C

528C

Rapid strikes

One by one strikes



Carbon Quick change HP46
Collet Ø2.35 - 20'000rpm

Riveting and graving with tip 240.000
Without reduction gear – direct driver
C=Strong / SP=Fine / USP=Ultra fine

Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

Nano Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

Rotary angle 90°
Collet Ø3.00 – max 30'000rpm

MX-1 CARBON

Small, compact AND POWERFUL! - SMART

24V 180W 24.7cNm 30'000rpm



Strong: Ø 26mm - 150mm - 205g - 180W - 24.7 cNm – max 20.000 rpm
Contents of the kit: **MX-1 Strong** + RS2000 + HP465 + PC800

Light SP: Ø 17mm - 120mm - 100g - 90W - 15.5 cNm – max 12.500 rpm
Contents of the kit: **MX-1 Light** + RS3000SP + HP460 + PC800

Light V: Ø 17mm - 105mm - 95g - 55W - 11.3 cNm – max 30.000 rpm
Contents of the kit: **MX-1 Light** + RS3000V + HP460 + PC800

The Starter and Compatible for all motors

The MX-1 is UNIQUE, small, light, handy, powerful, reliable, compact, practical and precise for a very reasonable and very advantageous budget and all in BADECO quality! Choice of manual control or use with foot pedal; Automatic storage of engine speed in pedal mode and in manual mode!

Strong 2,000 to 20,000 rpm; **Light** from 1,500 to 12,500rpm (for SP) or 30,000 rpm (for V); With a multifunction pedal (ON/OFF and variator); – Compatible between Strong and Nano.

MX-1 CARBON



*** Price for a full set: 1x control unit + 1x micromotor Strong or Nano + 1x handpiece Strong or Nano + Foot Pedal PC800 + Lateral bracket + bench holder for Motor

Choice of a STRONG micromotor with the associated handpiece

Ø26mm - 150mm - 205g - 180W - 24.7 cNm - 20'000 Rpm

M4RS400

Reduction gear ¼ Extra torque – max 7'500rpm



RS2000



318USP

318SP

4LC050

318C

4LC100

465

450

388

380



Carbon Quick change HP46
collet Ø2.35 - 20'000rpm

Swiss Quick-change HP-SSC –
collet Ø2.35 - 20'000rpm

Exchangeable HP-MdMI –
collet Ø2.35 - 20'000rpm - With key

Quick Exchangeable HP-MdMI –
Drill chuck capacity Ø 0 to 4.5mm with key

Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

Choice of a LIGHT nanomotor with the associated handpiece

Ø17mm - 105mm - 84g - 55W - 11.3 cNm - 30'000 Rpm

Ø17mm - 120mm - 100g - 90W - 15.5 cNm - 12'500 Rpm

RS3000V

RS3000SP

NANO400

Reduction gear ¼ Extra torque – max 7'500rpm



518USP

528USP

518SP

528SP

518C

528C

5LC050

5LC100

5B90

460



Carbon Quick change HP46
Collet Ø2.35 - 20'000rpm

Riveting and graving with tip 240.000
Without reduction gear – direct driver
C=Strong / SP=Fine / USP=Ultra fine

Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

Nano Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

Rotary angle 90°
Collet Ø3.00 – max 30'000rpm



MX-2 *Revolt*

DESIGN MEETS FUNCTION - SMART

24V 180W 24.7cNm 30'000rpm



With MX-2 *Revolt design* meets function

The MX-2 is UNIQUE, small, light, handy, powerful, reliable, compact, practical and precise with 2 connects of micromotors and all in BADECO quality!

Save your micromotor or nanomotors with OLED screen, save your speed for each motor and feel the perfection in your hand.

Choice of manual control or use with foot pedal; Automatic storage of engine speed in pedal mode and in manual mode!

Strong 2,000 to 20,000 rpm; **Light** from 1,500 to 12,500rpm (for SP) or 30,000 rpm (for V); With a multifunction pedal (ON/OFF and variator); – Compatible between Strong and Nano.

MX-2 Revolt



*** Price for a full set: 1x control unit + 1x micromotor Strong or Nano + 1x handpiece Strong or Nano + Foot Pedal PC800 + Lateral bracket + bench holder for Motor

Choice of a STRONG micromotor with the associated handpiece

Ø26mm - 150mm - 205g - 180W - 24.7 cNm - 20'000 Rpm

M4RS400

Reduction gear ¼ Extra torque – max 7'500rpm



RS2000



465



Carbon Quick change HP46
collet Ø2.35 - 20'000rpm

450



Swiss Quick-change HP-SSC –
collet Ø2.35 - 20'000rpm

388



Exchangeable HP-MdMI –
collet Ø2.35 - 20'000rpm - With key

380



Quick Exchangeable HP-MdMI –
Drill chuck capacity Ø 0 to 4.5mm with key

380



Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

318USP

318SP

318C



Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

4LC050

4LC100



Choice of a LIGHT nanomotor with the associated handpiece

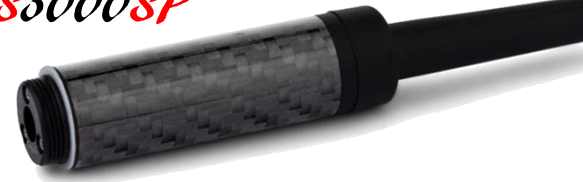
Ø17mm - 105mm - 84g - 55W - 11.3 cNm - 30'000 Rpm

RS3000V



Ø17mm - 120mm - 100g - 90W - 15.5 cNm - 12'500 Rpm

RS3000SP



NANO400

Reduction gear ¼ Extra torque – max 7'500rpm



518USP

518SP

518C

Rapid strikes

528USP

528SP

528C

One by one strikes

5LC050

5LC100

5B90



Carbon Quick change HP46
Collet Ø2.35 - 20'000rpm



Riveting and graving with tip 240.000
Without reduction gear – direct driver
C=Strong / SP=Fine / USP=Ultra fine



Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine



Nano Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm



Rotary angle 90°
Collet Ø3.00 – max 30'000rpm

MX-4 Evolution

Increase productivity for **4 motors** - SMART

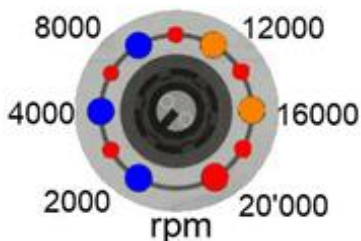
24V 180W 24.7cNm 30'000rpm



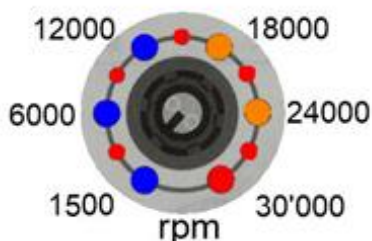
Increase **productivity**

The MX-4 EVOLUTION is small, light, very powerful, reliable, compact, practical and precise at a very reasonable and advantageous price.; With 4 motor outputs for the alternative use of up to 4 micromotors; The selection is made using a selector switch; Choice of manual control or use of the pedal; Automatic storage of engine speed (1) in pedal mode and in manual mode !; Strong 2,000 to 20,000 rpm; Light from 1,500 to 12,500rpm (for SP) or 30,000 rpm (for V); With a multifunction pedal (ON/OFF and variator); – Compatible between Strong and Nano.

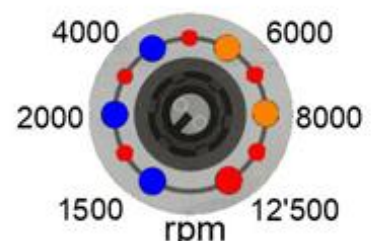
RS2000



RS3000V



RS3000SP



MX-4 Evolution



*** Price for a full set: 1x control unit + 1x micromotor Strong or Nano + 1x handpiece Strong or Nano + Foot Pedal PC800 + Lateral bracket + bench holder for Motor

Choice of a STRONG micromotor with the associated handpiece

Ø26mm - 150mm - 205g - 180W - 24.7 cNm - 20'000 Rpm

M4RS400

Reduction gear ¼ Extra torque – max 7'500rpm



RS2000



465



Carbon Quick change HP46
collet Ø2.35 - 20'000rpm

450



Swiss Quick-change HP-SSC –
collet Ø2.35 - 20'000rpm

388



Exchangeable HP-MdMI –
collet Ø2.35 - 20'000rpm - With key



Quick Exchangeable HP-MdMI –
Drill chuck capacity Ø 0 to 4.5mm with key

380



Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

318USP

318SP

318C



Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

4LC050

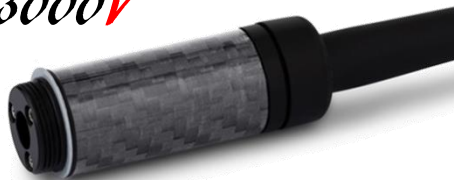
4LC100



Choice of a LIGHT nanomotor with the associated handpiece

Ø17mm - 105mm - 84g - 55W - 11.3 cNm - 30'000 Rpm

RS3000V



Ø17mm - 120mm - 100g - 90W - 15.5 cNm - 12'500 Rpm

RS3000SP



NANO400

Reduction gear ¼ Extra torque – max 7'500rpm



518USP

518SP

518C



Rapid strikes

Riveting and graving with tip 240.000
Without reduction gear – direct driver
C=Strong / SP=Fine / USP=Ultra fine

528USP

528SP

528C



One by one strikes

Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

5LC050

5LC100



Nano Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

5B90



Rotary angle 90°
Collet Ø3.00 – max 30'000rpm

Carbon Quick change HP46
Collet Ø2.35 - 20'000rpm

MX-4 TOUCH Evo

Automatic sensor for productivity with 4 motors

24V 180W 24.7cNm 30'000rpm



4 in 1

Gain 30%
of the time per
workstation



Professional Endurance AND SMART!



Create Your Own MX-4 **TOUCH**



Drilling, milling, grinding, polishing, hammering, setting stones, engraving, micro-filing; 4 motor outputs: The motor is automatically selected via the optical sensors attached to the motor holders; The speeds of the 4 motors are automatically saved in the 2 operating modes (pedal / manual).

The Badeco MX-4 Touch Evolution Dual Voltage 115/230V micromotor has been designed for use in the jewelry and watchmaking industries of Switzerland, the number one producer of super-premium jewelry and watches for the world. What separates this micromotor apart from all others is the quality, precision and reliability of the power box, motor and of course, the handpiece, and the single most important part of a micromotor. The Badeco Carbon Series Micromotor is a remarkable piece of Swiss engineering, giving you unstoppable torque at the lowest speed, the kind of low-end power that jewelers need for drilling and stone setting.

The Badeco MX-4 Touch Evolution control box with handpiece holders activates the single handpiece that you remove from the individual holders. If more than 1 handpiece is removed from the holders the power is stopped. If you wish to operate with empty holders simply block off the photo cell in the unused holder with black tape.

MX-4 Touch Evo



*** Price for a full set: 1x control unit + 1x micromotor Strong or Nano + 1x handpiece Strong or Nano + Foot Pedal PC800 + Lateral bracket + bench holder for Motor

Choice of a STRONG micromotor with the associated handpiece

Ø26mm - 150mm - 205g - 180W - 24.7 cNm - 20'000 Rpm

M4RS400

Reduction gear ¼ Extra torque – max 7'500rpm



RS2000



318USP

3188P

4LC050

318C

4LC100

465

450

388

380



Carbon Quick change HP46
collet Ø2.35 - 20'000rpm

Swiss Quick-change HP-SSC –
collet Ø2.35 - 20'000rpm

Exchangeable HP-MdMI –
collet Ø2.35 - 20'000rpm - With key

Quick Exchangeable HP-MdMI –
Drill chuck capacity Ø 0 to 4.5mm with key

Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

Choice of a LIGHT nanomotor with the associated handpiece

Ø17mm - 105mm - 84g - 55W - 11.3 cNm - 30'000 Rpm

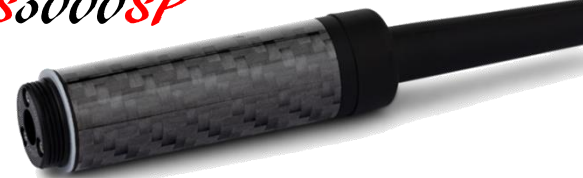
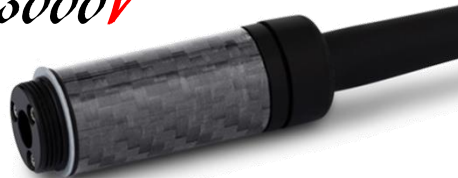
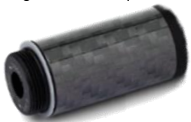
RS3000V

Ø17mm - 120mm - 100g - 90W - 15.5 cNm - 12'500 Rpm

RS3000SP

NANO400

Reduction gear ¼ Extra torque – max 7'500rpm



518USP

528USP

5188P

5288P

518C

528C

5LC050

5LC100

5B90

460



Carbon Quick change HP46
Collet Ø2.35 - 20'000rpm

Riveting and graving with tip 240.000
Without reduction gear – direct driver
C=Strong / SP=Fine / USP=Ultra fine

Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

Nano Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

Rotary angle 90°
Collet Ø3.00 – max 30'000rpm



M1 Portable

Mobility and freedom

12V

25W

8.5cNm

30'000rpm



This new product from BADECO is a fully functioning portable nanomotor. The high-speed brush type motor is in the handpiece and the control unit includes a rechargeable battery unit using the latest lithium-ion technology. With the mains charger plugged in you can use it all day long in the workshop or run it on battery power for up to 5 hours, depending on how long the nanomotor is in continuous use when in battery mode. Battery charge time is 3 hours. Using a lithium-ion battery means there is no "memory effect" and even when not used without being charged, the loss of charge is very low, so it's always ready to use, wherever you are. It's great for working in places where there is no electrical supply or when you need to be mobile - such as at a craft demonstration or for last minute polishing at a trade show.

- Control unit with built-in rechargeable Li-ion battery features a digital RPM display at the top that makes it easy to monitor speed as you work.
- The dial on the front adjusts speed from 0 - 30,000 RPM.
- On/off switch with foot pedal PC250 and reversible drive direction.
- Adaptable nanomotor with other connection. (micro-filing)
- Handpiece (motor) is very small and lightweight but has plenty of power for fine detailing, polishing and even grinding on metal, wood, glass and many other materials. Its fan cooled, brush type continuous duty motor runs cool and vibration-free. It has permanently lubricated, shielded ball bearings that require no additional lubrication. Ø17, 105mm, 84gr.
- The handpiece has a twist release rotary type collet for easy changes of 1.60mm, 2.35mm, or 3.00mm shank burs, depending on choice of collet installed.
- Two Year Limited Warranty – One Year for Lithium Battery.

Handpiece (Motor) Specifications: ~105mm Long (Nanomotor with HP), 84gr, Ø12mm (Diameter at grip), Ø17mm (Diameter at nanomotor), Cord Length: 140mm, Output DC12V/2.1A, Torque 8.5cNm, Electric power 25W.

Rechargeable Lithium Ion Battery Specifications: 14.8v 1800mAh - Charging Time: 3 hours, Working Time: 5 hours

Charger/Adapter Specifications: Input: ~100 ~240 Volt, 50/60Hz, Output: DC12V/2A

M1 Portable



*** Price for a full set: 1x control unit + 1x micromotor Nano + 1x handpiece Nano + Foot Pedal PC250 + bench holder for Motor

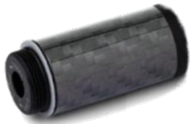
Choice of a LIGHT nanomotor with the associated handpiece

Ø17mm - 105mm - 84g - 25W - 8.5 cNm - 30'000 Rpn

**NEW
PRODUCT**

NANO400

Reduction gear 1/4 Extra torque – max 7'500rpm



P3000



460



Carbon Quick change HP46
Collet Ø2.35 - 20'000rpm

518USP

518SP

518C

Rapid strikes



Riveting and graving with tip 240.000
Without reduction gear – direct driver
C=Strong / SP=Fine / USP=Ultra fine

528USP

528SP

528C

One by one strikes



Riveting and setting with tip 240.000
With reduction gear – stroke by stroke
C=Strong / SP=Fine / USP=Ultra fine

5LC050

5LC100



Nano Polishing and filing with holder 100.300
LC050 = 0.5mm / LC100 = 1mm

5B90



Rotary angle 90°
Collet Ø3.00 – max 30'000rpm

Handpieces for hanging motors with **Slip joint**



**NEW
PRODUCT**

463 Carbon

Quick change HP46 – collet Ø2.35
- >20'000rpm
Light and strong with carbon fiber



430 Swiss

Quick change HP-SSC –
collet Ø2.35 - 20'000rpm



300 Multi

Quick exchange HP MdMI – 20'000rpm
Drill chuck capacity Ø 0 to 4.5mm
with key



275 Slim

Exchangeable HP-MdMI – collet Ø2.35
20'000rpm - Slim and Light
With key



295 Strong

Exchangeable HP-MdMI – collet Ø2.35
20'000rpm - Strong and hardwork
With key



210 / 215 / 220

Riveting and setting with tip 240.000
Slim and Light – Ultra precise
210 = Fine stroke
215 = Medium stroke
220 = Strong stroke



2LC050 / 2LC100

Polishing and filing with holder 100.300
Easy-file and maneuverability - 3D system
Speed limit 14'000 rpm
Holder for round or plate stick
2LC050 = 0.5mm length
2LC100 = 1mm of length



Handpieces for hanging motors **for duplex**



↪ 467 Carbon
Quick change HP46 – collet Ø2.35 - >20'000rpm
Light and strong with carbon fiber
For Duplex Spring US

↪ 437 Swiss
Quick change HP-SSC – collet Ø2.35 - 20'000rpm
For Duplex Spring US

↪ 212 / 217 / 222
Riveting and setting with tip 240.000
Slim and Light – Ultra precise
212 = Fine stroke
217 = Medium stroke
222 = Strong stroke

↪ 8LC050 / 8LC100
Polishing and filing with holder 100.300
Easy-file and maneuverability - 3D system
Speed limit 14'000 rpm
Holder for round or plate stick
8LC050 = 0.5mm lenght
8LC100 = 1mm of lenght



Handpieces for **QD connect**



↪ 468 Carbon QD
Quick change HP46 – collet Ø2.35 - >20'000rpm
Light and strong with carbon fiber
For Duplex Spring US

↪ 447 Swiss QD
Quick change HP-SSC – collet Ø2.35 - 20'000rpm
For Duplex Spring US

↪ 214 / 227 / 232
Riveting and setting with tip 240.000
Slim and Light – Ultra precise
214 = Fine stroke
227 = Medium stroke
232 = Strong stroke

↪ 9LC050 / 9LC100
Polishing and filing with holder 100.300
Easy-file and maneuverability - 3D system
Speed limit 14'000 rpm
Holder for round or plate stick
9LC050 = 0.5mm lenght
9LC100 = 1mm of lenght





SPB- 84 S1



750W 800m3 2'000Lumen 4'500rpm

**new
performance
2026**



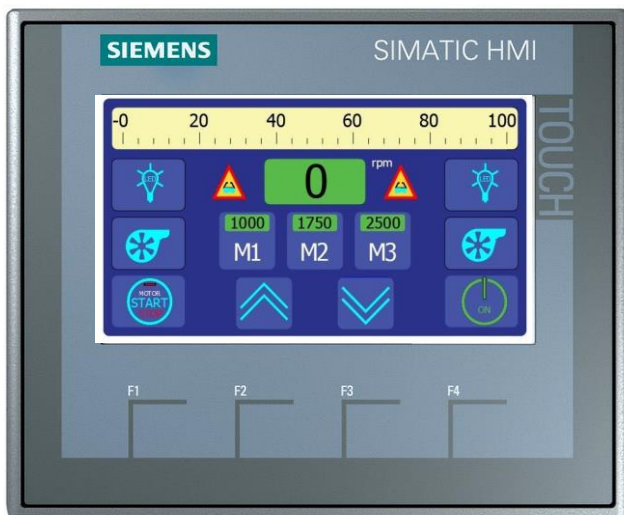
SIEMENS

Danfoss

OSRAM 

Schneider
Electric

This polishing machine is a product which has superior technical features and superior differences in many points compared to other devices. It is state-of-the-art touch screen, ergonomic design and easier use, make the device stand out. You can give your own details to the parts by polishing, brushing, dulling and sanding. Resalable cap and removable Plexiglas cover provide to user a safe working area. The reinforced vacuum motor ensures high suction.



- Torque pressure indication
- Double Safety foot pedal
- Plexiglas protection with Safety magnet switch
- Osram - High HD LED Lighting
- Danfoss - Strong Vacuum High Pressure Pumps with 2 filters
- Schneider Electric - Emergency stop
- Siemens automate - High quality with Touch screen memory
- Siemens Simatic HMI Panel -Key and touch operation

Versatile, reliable and consistently awesome

| Techn. specifications | SPB-84S1 | SPB-84S2 |
|-----------------------|---|---|
| Power supply | 230/50Hz | 230/50Hz |
| Engine performance | > 750 W | > 750 W |
| Speed (rpm) | 100 to 4'500 rpm- (Precision +/-10 rpm) | 100 to 4'500 rpm- (Precision +/-10 rpm) |
| Vacuum | 800 m3/h | 2 x 800 m3/h, for each side |
| Lighting | 4 x 9 LED's 2.000 Lumen | 4 x 9 LED's 2.000 Lumen for each side |
| Brush diameter | 160 mm max | 160 mm max |
| Unit dimensions | 460mm x 370mm x 460mm | 680mm x 390mm x 460mm |
| Net weight | 30 Kg | 45 Kg |



SPB- 84 82

750W 800m3 2'000Lumen 4'500rpm

**new
performance
2026**



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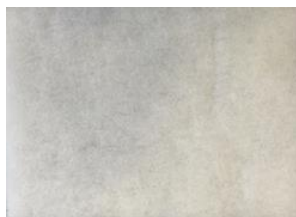
Spare parts for polishing bench

POLISHING SPINDEL, LEFT



SPB_84S_G150

SYNTHETIC FIBER FILTER



SPB_84S_G110

PLEXIGLASS PROTECTION GLASS



SPB_84S_G100

POLISHING SPINDEL, RIGHT



SPB_84S_G140

CARDBOARD CARTRIDGE WITH
DOUBLE FILTER



SPB_84S_G120

SAFETY CONTACT PEDAL



SPB_84S_PC200SP

Cylindrical wheel arbor



Spindle: Ø16 mm
Washer: Ø 68 mm (2x)
Brush width: 20-40 mm
SPB_84S_G130



LED- LUX-X3



Lighting
for the watch industry

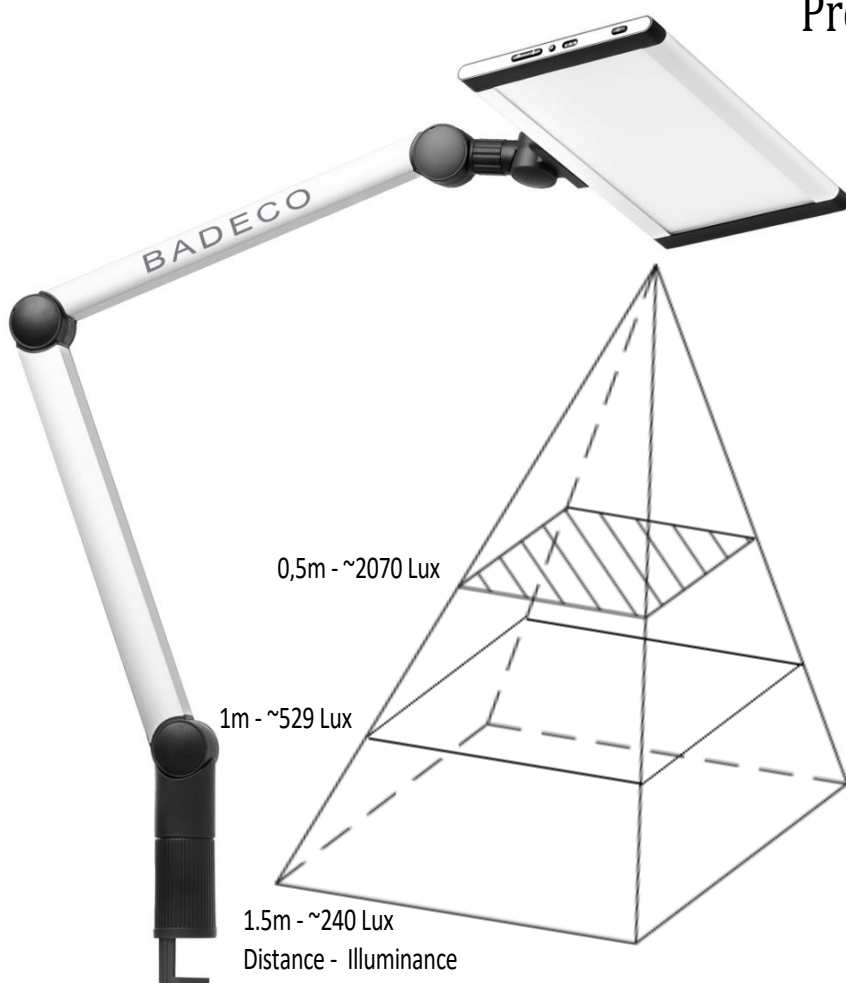
It is precisely for high-precision work, such as in the manufacture of watches, that one needs a lighting at the same time of very high intensity and without formation of shades to allow a work of great concentration and without fatigue. Very often the luminaries used do not allow it but on the contrary produce very large areas of shadows. These zones cause a permanent change in the positioning of the luminaire. The optics of the LUX-x fixture put an end to this problem by not creating perceptible shadow structures (Microstructure - Diffuser).

Product Features

- As an assembly or inspection light with selected lighting technology on an articulated arm
- Flat light with modern look
- Luminous colors: Tunable white from 3,000 to 6,500 K, with or without an integrated control unit
- Beam angle: Micro structure with diffuser (106°)
- Mounting variants: Articulated arm with universal clamp, drilling screw fitting or screw-on mounting
- Special features: shortened upper articulated arm enables even more flexible adjustment; anti-glare strip prevents direct glare in case of close-up work.

Technical Data

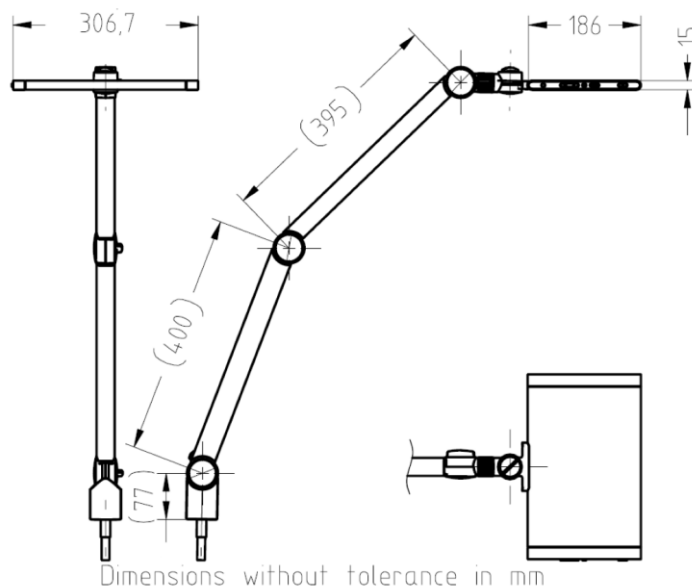
- Nominal voltage: 24 W @ 48 VDC
- Operating temperature: -20 ... +40 °C
- Degree of protection : IP20
- Color Rendering Index CRI 90
- Power supply included – Mean Well



No noticeable shadows

Due to the redirection of the light beams through more than 100,000 microlenses, high luminance levels in the prism are prevented and a homogeneous light distribution is achieved. The effect of shadow formation in the work area is reduced to a minimum, even if the light exit opening is partially covered.

This means that multiple shadows, which are not popular with LED lighting solutions, cannot occur.





LED Bino-90

Lighting
for the
Jewelry



Great Climate!

LED technology reduces heat emission. The LED light allows working comfortably even in high ambient temperatures. Moreover, there is no risk of hand burns when touched. A sophisticated thermal management guarantees a lamp lifetime of up to 50,000 operating hours. Thus, maintenance costs are minimized.

The storage locations are programmed with the following values on delivery:

Storage location 1: cold white (approx. 6,500K), maximum brightness

Storage location 2: warm white (approx. 3,000K), maximum brightness

Storage location 3: mixed white (approx. 4,500K), maximum brightness



Mounting possibilities for articulated arm

The articulated arm has been specially designed for table / bench work. The vice mounts directly on the table.

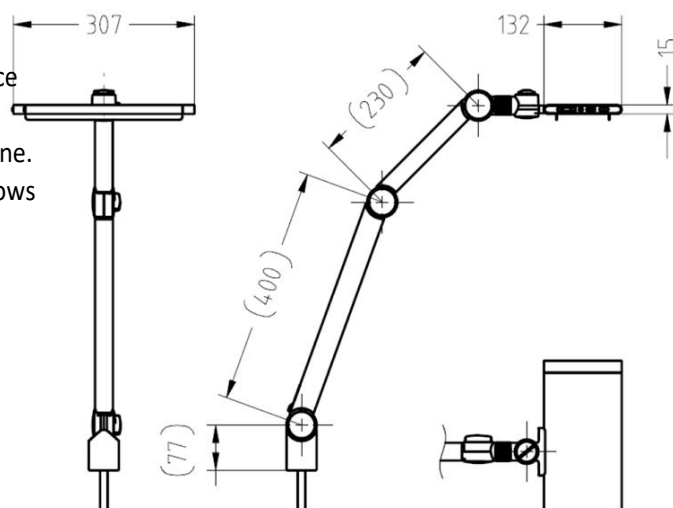
The modes of attachment are multiple according to the types of work to be done. (Clamp, central fixing to screw, fixing for existing hole). The articulated arm allows exact positioning of the devices.



External clamp

Drilling screw fitting

Static screw-in plate



Dimensions without tolerance in mm

Accessories for Mallet – Original silver steel Hardened tips



| | | | | | | | | |
|----------|--------------------------------|--|----------|---|--|---------|--|--|
| 240.000 | Unhardened Tip Ø 4.00 mm | | 248.100* | Tip Rectangle Smooth Ø0.50 x 1.00 mm | | 250.250 | Tip High speed steel Round Ø 2.50 mm | |
| 240.050* | Tip Round Smooth Ø 0.50 mm | | 248.150 | Tip Rectangle Smooth 0.80 x 1.50 mm | | 260.250 | Tip Super carbide Round Ø 2.50 mm | |
| 240.100* | Tip Round Smooth Ø 1.00 mm | | 248.200 | Tip Rectangle Smooth 1.00 x 2.00 mm | | 254.250 | Tip High speed steel Ø 2.50 mm x 45° | |
| 240.210* | Tip Round Smooth Ø 2.10 mm | | 248.250* | Tip Rectangle Smooth 1.20 x 2.50 mm | | 264.250 | Tip Super carbide Angle 45 Ø 2.50 mm x 45° | |
| 240.250 | Tip Round Smooth Ø 2.50 mm | | 249.250 | Tip Rectangle Grooved 1.20 x 2.50 mm | | 260.240 | Universal hammer graver tool Ø 2.40 mm | |
| 241.210 | Tip Round Grooved Ø 2.10 mm | | 246.210* | Tip Oval Grooved 2.10 x 1.20 mm | | 260.320 | Universal hammer graver tool Ø 3.20 mm | |
| 242.080 | Tip Round Concave Ø 0.80 mm | | 244.100* | Tip Square Smooth 1.00 x 1.00 mm | | | | |
| 242.100* | Tip Round Concave Ø 1.00 mm | | 244.160* | Tip Square Smooth 1.60 x 1.60 mm | | 230.000 | Box of 9 diff. hardened Tips* 240.050 + 240.100 + 240.210 244.100 + 244.160 + 246.210 248.100 + 248.150 + 248.250 | |



Accessories for handpieces

Original concentric Hardened collet

| Chuck for MdMi 275-295-288-289-380-388 | | | |
|---|----------|--|--------|
| | Ø0.55 mm | | 055012 |
| | Ø0.80 mm | | 055021 |
| | Ø1.05 mm | | 055030 |
| | Ø1.55 mm | | 055039 |
| | Ø1.65 mm | | 570684 |
| | Ø2.05 mm | | 055048 |
| | Ø2.35 mm | | 054373 |
| | Ø2.55 mm | | 055057 |
| | Ø3.05 mm | | 055066 |
| | Ø3.20 mm | | 054075 |

| Accessories for MdMi 275-295-288-289-380-388 | | |
|---|---|--------|
| | Md274 Nut of clamp | 054367 |
| | C200 Quick changing chucks Ø 0 to 4,5mm | 560055 |
| | 290.000 Set of 9 collets 0.55 - 0.80 - 1.05 1.55 - 2.05 - 2.35 2.55 - 3.05 - 3.20 | 560004 |

| Chuck for HP46 460-463-464-465-467-468 | | |
|---|---------|--------|
| | Ø1.60mm | 614911 |
| | Ø2.35mm | 614910 |
| | Ø3.00mm | 614908 |

| Chuck for 430 - 437 - 440 - 450 | | |
|---------------------------------|--|--------|
| | 400SSC Quick exchange kit Ø2.35m | 054516 |
| | 400SSC Quick exchange kit Ø3.05m | 614770 |
| | Ø2.35mm | 054517 |
| | Ø3.05mm | 614767 |



Accessories for micro-files

| 100.300 | Universal tool holder for Micro-Fill | |
|---|--|-------------------------|
| Ceramic and diamond Stick (Thick x Wide x Length (mm) - Grit (G)) | | * price per grit & size |
| CB-0.5 | Ceramic stick 0.5x2x150 (G400: 600; 800; 1000; 1200)* (ex CB-0.5 -G400) | |
| CB-1 | Ceramic stick 1x2x150 (G400: 600; 800; 1000; 1200)* (ex CB-1 -G400) | |
| CB-4 | Ceramic stick 1x4x100 (G120; 220; 300; 400; 600; 800; 1000; 1200)* (ex CB-4 -G120) | |
| DB-4 | Diamond stick 1x4x100 (G200; 400; 800)* (ex DB-4 -G200) | |
| Ceramic and diamond round (Thick x Wide x Length (mm) - Grit (G)) | | * price per grit & size |
| CR Ø 2.35 | Ceramic round Ø 2,35 x 50 (G220; 300; 400; 600; 800; 1000; 1200)* (ex CR-4 -G220) | |
| DR Ø 3.00 | Diamond round Ø 3.00 x 50 (G400)* (ex DR-4 -G400) | |



Accessories for control unit

Holder foot screw on table
MX



Arms articulated with 2 arms
MX-SF2



Foot support for screw MX
MX-x



Magnetic holder for MX with
1 articulation Holder
MX-SF



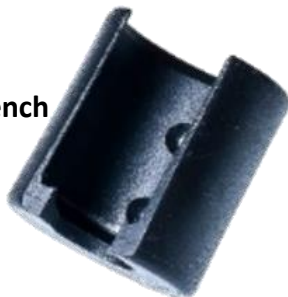
Lateral magnetic bracket
MAG_026 (Strong)
(For RS2000 & E2500)
MAG_017 (Nano)
(For RS3000 & E3000)



Bench Holder
ASF-021



Lateral bracket holder
For screw on unit or bench
M4_026 (Strong)
(For RS2000 & E2500)



Foot pedal double
function COMBI
(on/off & vario)
M3ASF => **PC750**
M4ASF2 => **PC800**
MX1 => **PC800**
MX2 => **PC800**
MX4 => **PC800**



Lateral bracket holder –
For screw on unit or bench
Nano_017 (Nano)
(For RS3000 & E3000)



Foot pedal contact On/off for
M3ASF => **PC100**
M4ASF2 => **PC200**
MX1 => **PC200**
MX2 => **PC200**
MX4 => **PC200**



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Swiss know-how and French expertise give birth to this innovation

Discover



FP SYSTEM

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