

Power Packs



POLYTOR POWER PACK Single-Station

P101 (100V)

P111 (115V)

P121 (230V)

Supplied with one ultrasonic handpiece station.

Can be used with
US21 POLYTOR handpiece

Accessories
Rubber Cradle (RM11) 1

Specifications

Model	P101	P111	P121
Input Voltage	AC100V±5% (50/60Hz)	AC115V±5% (50/60Hz)	AC230V±5% (50/60Hz)
Rated Input	30VA		
Output Voltage	DC3~30V · AC MAX80V (25±5KHz)		
Dimensions (mm)	144 (W)×218 (D)×116 (H)		
Weight	About 1.7kg		



D.C. POWER PACK Multi-Station

C301 (100V)

C311 (115V)

C321 (230V)

D.C. POWER PACK - Multi-Station

Supplied with 3 handpiece stations. Suitable for multi-handpiece operation. The unit alerts when the handpiece is switched on and off as well as when the tool is overloaded. For safety only one handpiece can be used at a time.

Can be used with
All listed handpieces except US21

Accessories
Rubber Cradle (RM11) 1

Specifications

Model	C301	C311	C321
Input Voltage	AC100V±5% (50/60Hz)	AC115V±5% (50/60Hz)	AC230V±5% (50/60Hz)
Rated Input	60VA		
Output Voltage	DC3~30V		
Dimensions (mm)	144 (W)×218 (D)×116 (H)		
Weight	About 2.4kg		



D.C. POWER PACK Single-Station

C101 (100V)

C111 (115V)

C121 (230V)

Supplied with one handpiece station. All other features and performance are the same as C301.

Perfectly matched to the handpiece with Hand Switch.

D.C. POWER PACK Single-Station Remote-Control

C101A (100V)

C111A (115V)

C121A (230V)

Designed to use with the automatic machinery. Basic features and performance are the same as C101.

Can be used with
All listed handpieces except US21

Accessories
Rubber Cradle (RM11) 1
(except C101A · C111A · C121A)

Specifications

Model	C101 (C101A)	C111 (C111A)	C121 (C121A)
Input Voltage	AC100V±5% (50/60Hz)	AC115V±5% (50/60Hz)	AC230V±5% (50/60Hz)
Rated Input	60VA		
Output Voltage	DC3~30V		
Dimensions (mm)	144 (W)×218 (D)×116 (H)		
Weight	About 2.35kg		

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

1-866-PRO-TOOL

1-14

Polytor Ultrasonic

POLYTOR is an ultrasonic finishing system, indispensable for mold finishing use, providing powerful and stable ultrasonic vibration. The system is composed of the POLYTOR POWER PACK plus POLYTOR ultrasonic handpiece.

- Removing EDM scale.
- Ideal for de-burring, grinding, cutting, polishing and honing.
- Convenient for pattern cutting of printed circuit boards.
- Finishing precious metals and jewels.
- Removable curled power cord makes storage convenient.
- A variety of Sentan Tools® for POLYTOR are available.



Handpiece for the Ultrasonic Finishing Unit US21

Employs an advanced high performance oscillating unit ensuring powerful and stable vibration delivery to the Sentan Tool®.
Compact and light-weight design that makes the handpiece easy-to-use.

Hand Switch Color : Gold

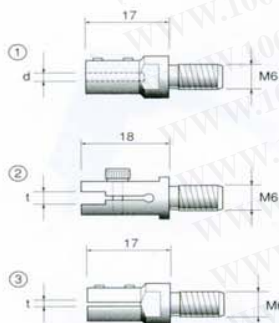


Tool Holder for US21



The Hand Switch provides quick and easy ON/OFF manipulation.

The Hand Switch enables the handpiece to be switched ON/OFF on the handpiece side also; this offers great convenience when work requires frequent switching ON/OFF or when working out of reach of the POWER PACK. The adoption of the new mechanism improves the switch durability as well.



d = φ 1mm F 5251
d = φ 2mm F 5252
d = φ 3mm F 5253
d = φ 4mm F 5254


t = 1mm F 5261
t = 2mm F 5262
t = 3mm F 5263
t = 4mm F 5264

t = 0.5mm F 5271
t = 1mm F 5272



Two spanners clamp the tool securely.

The 2 supplied spanners enable the Sentan Tool® to be attached securely; stable vibration delivered by the high performance vibrator is correctly transferred to the tip of the Sentan Tool®.

● Model	US21
● Vibrator	Langevin type
● Frequency	25±5kHz
● Maximum Amplitude	45micron
● Weight	215g
● Dimensions (mm)	

Use the POLYTOR Ultrasonic Handpiece in combination with the POWER PACK P201 or P101.
(Description for P201 and P101 on page 16-17)

The POLYTOR ultrasonic handpiece US21 can be used only with the POWER PACK P201 (P211/P221) or P101 (P111/P121).

■ A wide operating frequency range

With a wide operating frequency range from about 20 to 30kHz, the POWER PACK can be used in combination with many types of tools.

■ An automatic tracking sensor is used on the POWER PACK.

The sensor quickly catches the resonance frequency that varies depending on the Sentan Tool® and performs automatic tracking to obtain the maximum vibration.

■ The POLYTOR POWER PACK P201 (P211/P221) allows changeover to D.C. output.

In addition to the ultrasonic output terminal, the POLYTOR POWER PACK P201 (P211/P221) is provided with 2 D.C. output terminals; this makes it possible to change over between the ultrasonic polishing unit and the D.C. motor handpiece while carrying out your work.



P101+US21



P201+US21

*The Sentan Tool® in the photo is an extra-cost option.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

1-866-PRO-TOOL

1-18