

● Configuration

- ① Power unit/1 set ② Tip case/1 set ③ Tool holder/2 set ④ Foot switch/1 set
- ⑤ Supersonic hand tool/1 set ⑥ Input cord/1 set ⑦ Fastening jig/1 set ⑧ Tip fastening jig /1 set
- ⑨ Tips for supersonic/1 set ⑩ Rotary handpiece/1 set ⑪ Tips for rotary/1 set



● Standard tips

- Metal bond diamond tips / 5 types, 5 on all
- Ceramic super stone / 4 types, 4 on all
- Hardwood tips/ 1 types, 5 on all
- Softwood tips/ 1 types, 5 on all
- Metal tips(brass)/ 1 types, 5 on all
- Screw chuck(round) · GNE / 2 types, 3 on all
- Grindstone chuck(flat) · GTA / 1 types, 1 on all
- Rotary grindstone tips/ 5 types, 5 on all

● Specifications

Input : AC100V、50 / 60Hz、120VA
Output : Supersonic oscillation / 55W max(35W rated)
 22~28KHz、4-stage selection
 DC Motor / DC3~30V、3500rpm
 (45,000rpm max)
Size : 285(W)×210(D)×145(H)mm
Weight : approx. 5.7kg

LAPTRON 75R

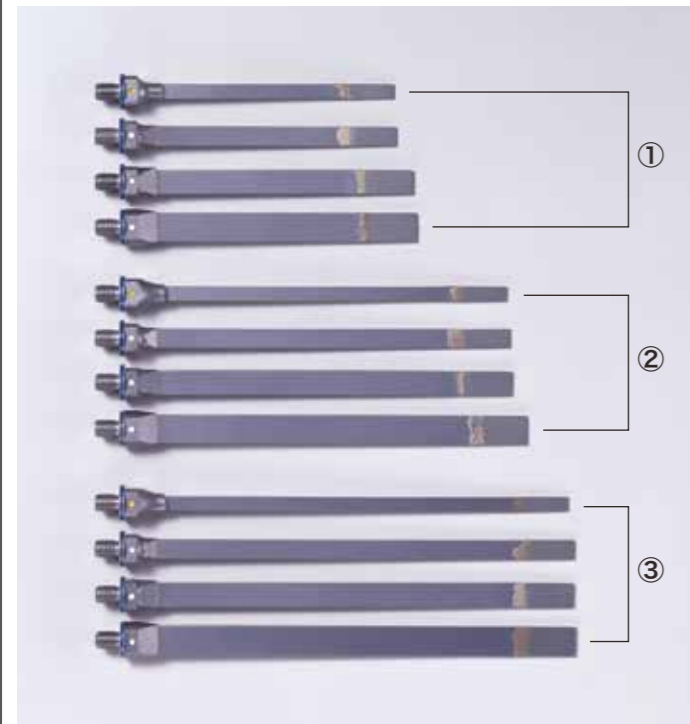
- Japan Patent/No.1128235
- U.S. Patent/No.4168916
- Swiss Patent/No.629689
- Germany Patent/No.2814467

LAPTRON 75R

Offering the most powerful output in the LAPTRON series.

● Assorted Standard Tops

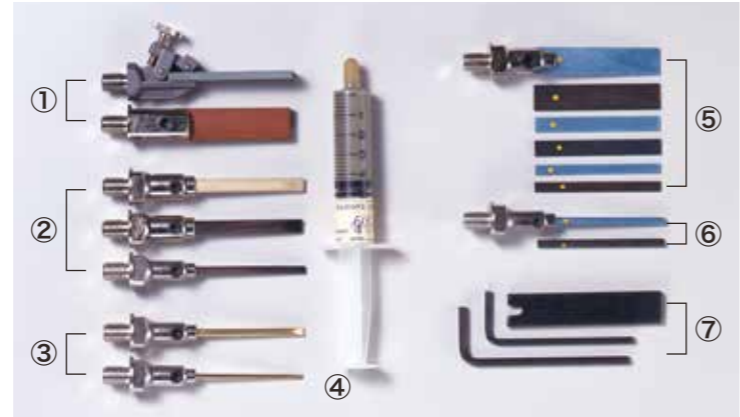
- We have a wide choice of standard chips to deal with various types of lapping from aluminum molds and copper base alloy molds to hard metal molds.
- Tips can be tailored on request in addition to the standard lineup.



Metal bond diamond tips ① L105mm ② L150mm ③ L180mm



① Metal bond diamond tips / for fine details · SL Type ② Metal bond diamond tips /special shapes · GX · GW Type ③ Electroplated diamond tips (L100mm~L140mm)



① Grindstone ② Wood(round) ③ Brass ④ Diamond paste ⑤ Ceramic superstone (flat)
 ⑥ Ceramic superstone(round) ⑦ Tip fastening jig



● The specifications and the external shape may change without advance notice due to revisions and enhancement of the product.

Manufacturer And Seller **SANWA SHOKO CO.,LTD.**

Head Office 2-21-4 Hatagaya, Shibuya-ku, Tokyo,151-0072, Japan
 TEL : 81-3-3376-3464 FAX : 81-3-3374-0346

E-mail : sanwa.shoko@nifty.com

Home Page : <http://www.sanwashoko.co.jp>

Agent

PURSUIING ULTIMATE QUALITY

Offering the most powerful output in the LAPTRON series.

LAPTRON 75R is a high-grade lapping machine with a supersonic amplitude of 45 microns, a high power output of 55W max., and a 28,000c.p.s. frequency makes possible high-precision lapping with minimum force. The newly incorporated rotary mechanism further boosts operability, ensuring even novice user's of simple and high quality work performance.

High quality finish easily achieved!!

●Complex shapes and forms lapped with ease

Shapes difficult to lap using conventional manual work, such as rib, slit, deformed hole, concave bottom surface and precise angles at corners can be achieved with highly accurate lapping.

●High efficiency precision works

Work efficiency drastically raised because the work speed increases five to seven times manual work. Even beginners can perform mirror finish easily and speedily.

High power output up to 55W max!!

●High performance output patented around the world

The powerful supersonic oscillator which is the heart of the machine has been patented by Japan, the U.S.A., Germany, Switzerland and other developed countries.

●4 Stage Output Selection

High power output of 55 W maximum. Appropriate power selectable depending on operating conditions through four-stage power adjustment.

●Automatically Controlled Frequency

Varying frequency depending on thickness and length of tips automatically traced. Vibration is controlled by the feedback frequency to maintain the optimum lapping condition

Newly Incorporating a Rotary Mechanism

●High Torque Motor

Employs a high torque motor (900g/cm) that can withhold heavy loads of work. What's more ,up to 45,000 r.p.m. (DC 30V) is also ensured.

●Better Operability on Curves

Lapping work on round holes, radius surfaces and U-shaped grooves can be performed faster and more easily. Various tips available that can be attached and detached in one motion.

●Superior Safety Features

The mechanism is designed to automatically shutdown to maintain safe operation. It can easily be restarted by pressing the reset button .



▲Rotary handpiece DC30V 35000rpm

From precision molds to large sized molds!!

●Deal with every type of mold

Every type of mold, such as plastic, die cast, press, as well as rubber and glass, can be lapped speedily.

●Performance applicable to every material

Speedy and highly accurate lapping applicable to every material, from non-ferrous metal to cemented carbide. Particularly excellent in lapping after electric discharge machining.

●Wide and Varied Selection of Tips

Working operability has been drastically enhanced with wide range of compatible tips measuring 0.3 mm in thickness, 1 mm in width, 15 mm in length to 2 mm in thickness, 15 mm in width, 180 mm in length.



▲Narrow slits 0.5 mm (SL tip)



▲Deep&narrow slips (up to 180mm depth)



▲Wide lapping after oscillation discharge-proofing



▲Mirror finish with diamond paste