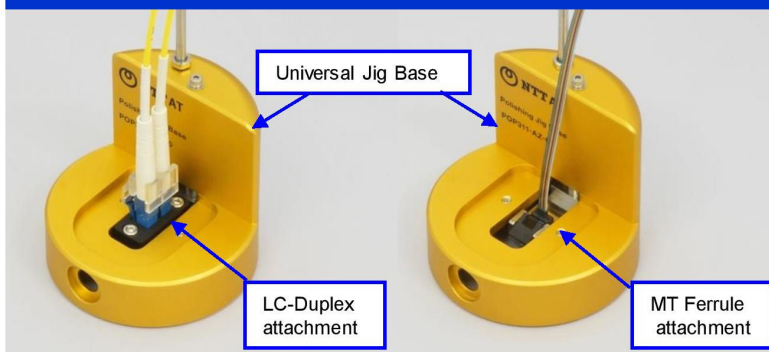


Compact and battery driven polishing machine suitable for on-site optical assembly and/or re-polishing

Handy polishing machine **POP-311**

The POP-311 is suitable for installing optical connectors or extending optical fibers at field work sites.

Its cylinder jig allows for on site polishing / re-polishing of MPO connectors and single fiber connectors.



Battery operated

Works with either rechargeable nickel hydride battery (AA) or alkaline dry battery (AA).

High speed polishing

A high speed polish of up to 700rpm, makes it possible to polish MPO connectors and single fiber connectors in just 3-5 processes.

High quality

All the technology used in factory mass production polishing is fully employed. Polishing quality has the same targets as for factory machines.

Specifications

Applicable Type	FC, SC, ST, LC, LC-Duplex, MU, MT, MTP®, MPO, MTRJ, Glass Ferrule, Custom PC/APC, Connector/Ferrule
Size (mm)	90W x 75D x 210H
Weight(g)	860
Power Supply	AA battery x 4 – Not Included AC power adapter (100-240V, 50-60Hz) –Option

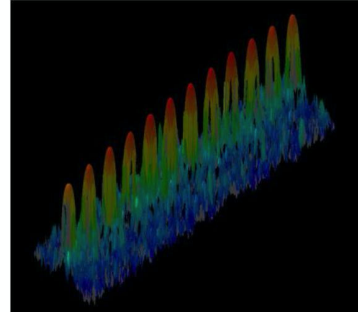
Features

Because the attachment is the same as for the factory use ATP-3000 polishing machine, it can be used for a wide range applications such as MPO connectors and Single fiber connectors (UPC/APC), and polishing of all types of capillaries and fibers.

○ MPO Connector Polishing Processes

• Ferrule : 12MT-PPS-SM

Process	Polishing Film	Time [Sec.]
1	AAS-GC30A	30
2	AAS-GC03A	10
3	AAS-RW02A	30
4	AAS-RC01A	50
5	AAS-RC01A	50



Polishing Characteristics

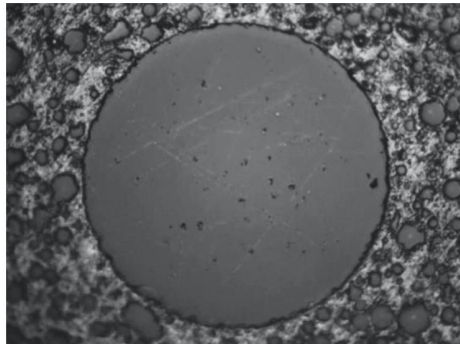
RX (mm) >2000, RY (mm) >5

Angle (degree) ± 0.2

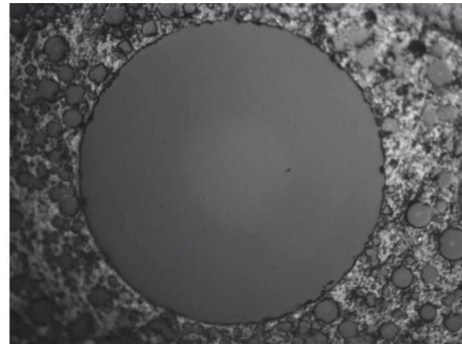
Fiber protrusion (mm) 1~3.5

Repolishing Capability

When optical fiber connectors due to be laid are found to be damaged, on the spot repolishing makes them ready to be used. Also, LC-Duplex connectors can be simultaneously polished without dismantling.



Before Polishing



After Polishing

※ All company names, product names, etc., indicated herein are trademarks or registered trademarks of each respective company.
 ※ Please understand that all comments and data recorded herein may be subject to change without prior notification.

For more information

<http://www.ntt-at.com/product/pop311/>



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