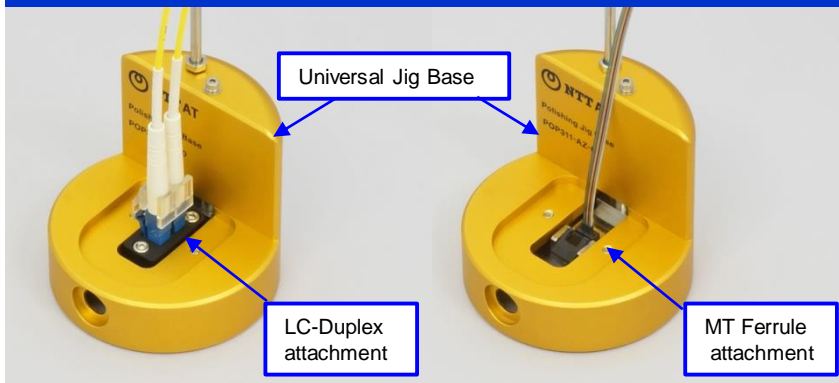


# Compact and battery driven polishing machine suitable for on-site optical assembly and/or re-polishing

## 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

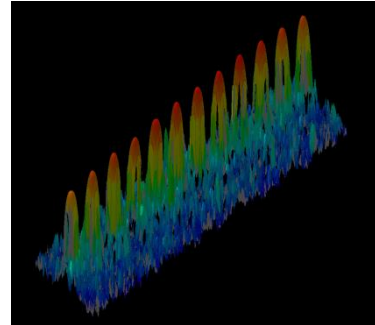
## ■ Features

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

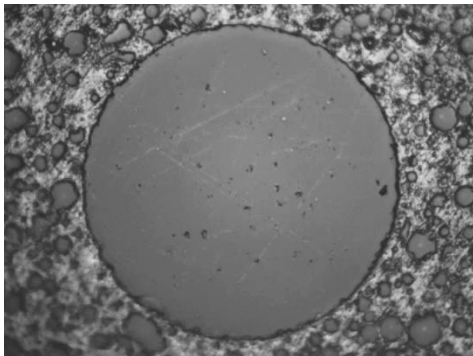


#### Polishing Characteristics

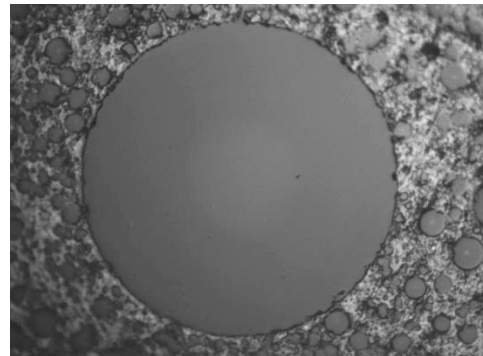
RX (mm) >2000, RY (mm) >5  
 Angle (degree)  $\pm 0.2$   
 Fiber protrusion (mm) 1~3.5

## ■ 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

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