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.

MT Connector Jig

LC/APC Plug Jig

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

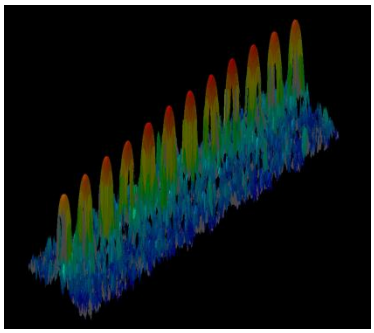
Applicable Connectors	FC, SC, LC, MU, MT, MPO, MTRJ, Glass Ferrules, Customized
Size (mm)	90W x 75D x 212H
Weight(g)	830
Power Supply	AA battery x 4 – Not Included AC power adapter (100-240V, 50-60Hz) –Option

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

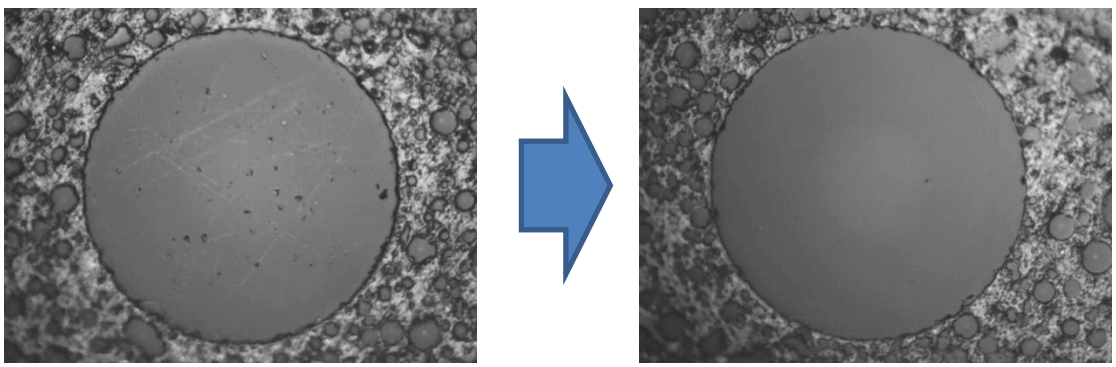
Process	Polishing Film	Time [Sec.]
1	AAS-GC30	10
2	AAS-GC03	20
3	AAS-RW02A	30
4	AAS-RC01A	60



Polishing Characteristics
RX (mm) >2000, RY (mm) >5
Angle (degree) ±0.2
Fiber protrusion (*m*m) 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

Contact

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