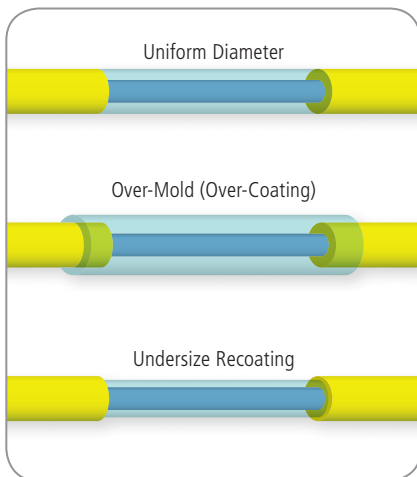




## MiniCoater 2™

This compact and easy-to-use recoater is based on NYFORS proven silicone mold technology which has been developed and refined in the course of the last twenty years. Molds are available in different sizes to cover a range of coating diameters and can easily be exchanged by the operator with no realignment required. Custom molds are available on request.

With the standard molds the recoated part of the fiber is round with a cross section that perfectly and uniformly matches that of the original fiber coating, but molds can also be selected for both over-coating and undersize recoating of optical fibers. These features makes the MiniCoater 2 well suited for research and development operations and small scale production where the fiber type and dimensions need to be changed frequently. The cordless battery operation enables easy movement from lab-to-lab, or from one production area to another.



Injection of the recoating compound is performed manually. While this does require a manual user operation, it also ensures flexibility because the user can immediately switch from one type of recoating compound to another (e.g. from a high-index recoating material to a low-index material) without any need to flush out a recoater reservoir and injection pumping system. This, in addition to the rapidly exchangeable mold sizes and shapes (for uniform diameter and undersize recoating as well as overcoating), ensures the flexibility and adaptability of the MiniCoater 2.

Short curing times are achieved through a highly efficient UV LED array, which also has the ability to cure low-index recoating compounds used in fiber laser manufacturing. In addition, the MiniCoater 2 is compatible with recoating materials that can withstand 200°C high temperature applications such as down-hole applications in oil and gas wells.

The MiniCoater 2 has a simple two button control with a three digit display and comes in a very compact package. The small size and light weight of the MiniCoater 2™ makes it ideal for situations where the recoater must be frequently moved from one lab or production area to another. The small size also facilitates easy ergonomic integration into a production work bench where space is at a premium. In addition, since the MiniCoater 2 may be operated by battery power, and also due to the small size and weight, it is well suited to recoating in a remote field environment where a high degree of portability is required.

### Features

- Ideal recoater for remote sites such as on oil rigs
- Very compact design
- Small, lightweight, highly portable
- Runs on built-in rechargeable battery or AC adapter
- Battery provides power for hours of remote-site operation
- Compatible with high-temperature recoating compounds
- Easy mold exchange and replacement
- Handles most fiber dimensions with custom molds available
- Uniform high quality recoating
- Short curing times
- High and low-index recoating
- Uniform diameter, over-coating and undersize recoating capability



## MiniCoater 2™

### Specifications

PARAMETER	VALUE
Curing time	Programmable, 3 seconds typical
Light source	UV LED
Wavelength	380-385 nm
Mold material	Silicone
Mold length	34 mm and 55 mm
Recoating diameter (µm)	165, 250, 300, 400, 550 & 900 µm
Power supply	Battery or external 12 V DC, 40 W
Dimensions	150 mm (W) x 77 mm (D) x 60 mm (H)
Weight	0.7 kg

### Ordering Information

DESCRIPTION	AFL NO.
MiniCoater 2 w/ Power Supply (incl. US, UK and EU adapter), Fiber Clamps (for 165-330 µm & 330-900 µm), Packet of 250 µm Molds (34 mm length), Mold Guide Pins, Manual and Tools	10100033

### Accessories

DESCRIPTION	AFL NO.
<b>Mold Options</b>	
Mold, ReC 2-series, 165 µm, 34 mm (10 pieces)	10100036
Mold, ReC 2-series, 250 µm, 34 mm (10 pieces)	10100037
Mold, ReC 2-series, 300 µm, 34 mm (10 pieces)	10100038
Mold, ReC 2-series, 400 µm, 34 mm (10 pieces)	10100039
Mold, ReC 2-series, 550 µm, 34 mm (10 pieces)	10100040
Mold, Rec 2-series, 730 µm, 34 mm (10 pieces)	10100078
Mold, ReC 2-series, 900 µm, 34 mm (10 pieces)	10100041
Mold, ReC 2-series, 165 µm, 55 mm (10 pieces)	10100042
Mold, ReC 2-series, 250 µm, 55 mm (10 pieces)	10100043
Mold, ReC 2-series, 300 µm, 55 mm (10 pieces)	10100044
Mold, ReC 2-series, 400 µm, 55 mm (10 pieces)	10100045
Mold, ReC 2-series, 550 µm, 55 mm (10 pieces)	10100046
Mold, Rec 2-series, 730 µm, 55 mm (10 pieces)	10100079
Mold, ReC 2-series, 900 µm, 55 mm (10 pieces)	10100047
Custom molds are available upon request	
<b>Miscellaneous</b>	
Mold Guide Pins	10100070
Power Supply (incl. US, UK and EU Adapter)	90100409
FIBER CLAMPS,MINIC 2,165-330 µm	10100074
FIBER CLAMPS,MINIC 2,330-900 µm	10100058