

RIBBON RECOATER™

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Very portable ribbon fiber recoater

- Compact design with built-in rechargeable battery
- Affordable silicone square moulds for different types of ribbon fiber
- Easy to switch between different ribbon fiber coating diameters and recoating materials
- High and low index recoating capabilities
- Short curing times
- Based on NYFORS proven MINICOATER 2™ platform



The small and lightweight RIBBON RECOATER™ provides versatile recoating capabilities in situations where portability and flexibility are needed. Silicone moulds are available in different sizes to cover a wide range of coating diameters and ribbon types and can easily be exchanged by the operator in a few seconds with no realignment of the system being required.

Short curing times are achieved through the highly efficient UV LED light source which enables fast processing of both standard high index recoating materials and more specialized low index compounds that are used in various high power applications.

These features make the RIBBON RECOATER™ well suited for research and development operations and small-scale production where the fiber type and dimension as well as the recoating material need to be changed frequently. It can also, thanks to the small size and built-in rechargeable battery, be used for recoating in a remote field environment such as an oil drilling platform and in other situations where a high degree of portability is required.

The RIBBON RECOATER™ has a simple one-button control with a three-digit display and comes in a small bench-top design.



TECHNICAL DATA

Curing time	Programmable, 3 s typical
Light source	UV LED
Wavelength	380-385 nm
Mould material	Silicone
Mould length	34 mm
Recoating diameter	Typically 250/300 µm; 4, 8 or 12 fibers*
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

* Custom moulds available.