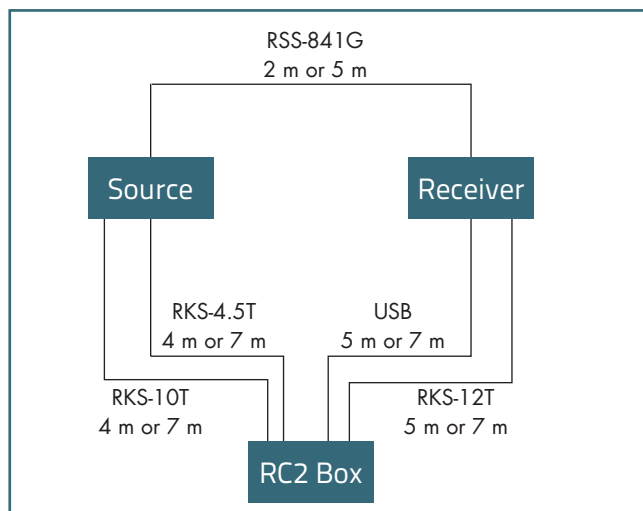


In-situ RC2

Spectral ranges		
Model	Spectral range	Number of wavelengths
U	245 nm to 1000 nm	~750
X-210	210 nm to 1000 nm	~790
D	193 nm to 1000 nm	~800
„I“ – NIR extension	Up to 1690 nm	Additional ~275
„I+“ – XNIR extension	Up to 2500 nm	Additional ~285 (only with X-210)

In-situ package consists of:



- General ellipsometer, including:
 - ➔ Input unit with lamp housing, and rotating compensator
 - ➔ Receiver unit with second rotating compensator
 - ➔ RC2 control box (19" rack mount box)
 - Computer and monitor
 - CompleteEASE data acquisition and analysis software
 - 1 set (2 pieces) flat fused silica UHV windows, 2.75" (DN40CF) flange
 - 1 set of in-situ mounts and stands to attach the in-situ tilt stages
 - 1 set of in-situ tilt stages
 - 1 piece of alignment jig
 - Single angle ex-situ test base
 - 1 set of cables
- Standard:
- ➔ Source – receiver: 2 m
 - ➔ RC2 box – source: 4 m
 - ➔ RC2 box – receiver: 5 m
- Optional:



- ➔ Source – receiver: 5 m
- ➔ RC2 box – source: 7 m
- ➔ RC2 box – receiver: 7 m




Flat fused silica UHV window with in-situ mount attached to the chamber port	
In-situ mounts with stands and in-situ tilt stages left for input unit, right for receiver unit	
Alignment jig, front and backside view	
Input (light source) unit (pictures from left to right refer to D/DI, X-210/XI-210 versions)	
Receiver unit	
RC2 control box (19" rack mount)	
Single angle ex-situ test base	

In-situ RC2

Upgrade options	
Ex-situ angle bases	
Automated ESM angle base	
Automated angle base (vertical)	



RC2 mounted to deposition chamber

Upgrade options require automated angle base (horizontal)	
Ex-situ angle bases	
Automated 100 mm XY mapping	
Automated 200 mm XY mapping	
Automated 300 mm XY mapping	
Manual or automated sample rotator	
Focusing option	
Several liquid cells	
Heating stages (RT to 300 °C or -190 °C to 600 °C)	