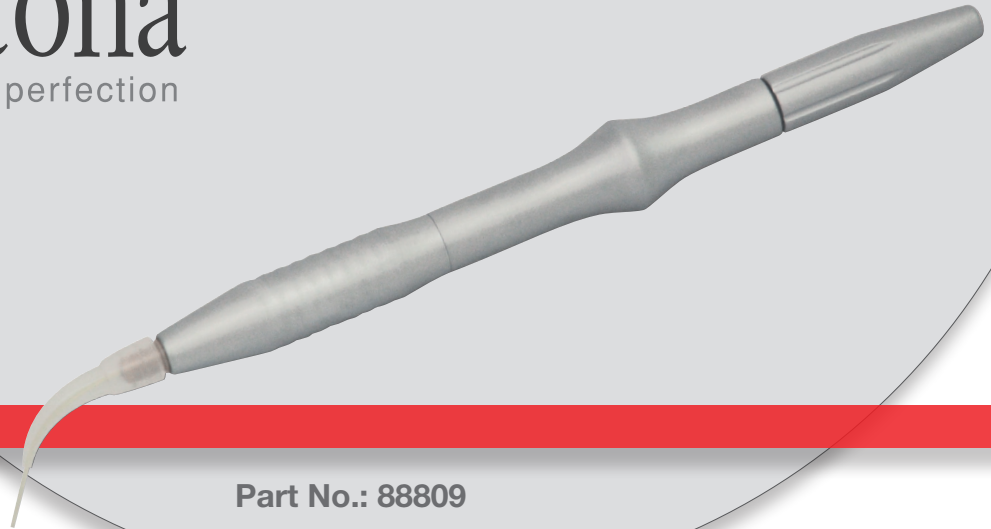


HANDPIECES

Dental systems

Nd:YAG Handpieces

- HP R21-A
- HP R21
- HP R21-C2
- HP R21-C3
- HP R23-A-240
- HP R23-A-360
- HP R24C
- HP R30-A



Part No.: 88809

HP R21-A CE ENG

Item	Part description	Part No.	Qty
1	R21-A HANDPIECE, COMPLETE PACKAGE (for LightWalker DT only)	74252	1
	1.1 R21-B HANDPIECE ASSEMBLY	80214	1
	1.2 STRIPPING TOOL, 200/300 μ m	48197	1
	1.3 FIBER SCRIBING TOOL	40002	1
	1.4 R21-B CASE	80326	1
	1.5 FIBER BEAM DELIVERY ASSEMBLY, 320 μ m	62758	1
	1.6 CANNULA FOR 300 μ m FIBER	33516	1
2	OPERATOR MANUAL	63637	1

Technical specification

dental, contact handpiece for Nd:YAG laser systems. To differentiate between the two different fiber beam delivery units, the fiber connector nuts for the 200 μ m and 320 μ m fibers are engraved, respectively, with "200 μ m" and "300 μ m".



Part No.: 70954

HP R21 CE ENG

Item	Part description	Part No.	Qty
1	R21 HANDPIECE, COMPLETE PACKAGE (for Fidelis line only)	75543	1
	1.1 R21 HANDPIECE ASSEMBLY	62760	1
	1.2 STRIPPING TOOL, 200/300 µm	48197	1
	1.3 FIBER SCRIBING TOOL	40002	1
	1.4 R21-B CASE	80326	1
	1.5 FIBER BEAM DELIVERY ASSEMBLY, 320 µm	62758	1
	1.6 FIBER BEAM DELIVERY ASSEMBLY, 200 µm	62757	1
2	OPERATOR MANUAL	63637	1

Technical specification

dental, contact handpiece for Nd:YAG laser systems, 200 µm and 320 µm fibers





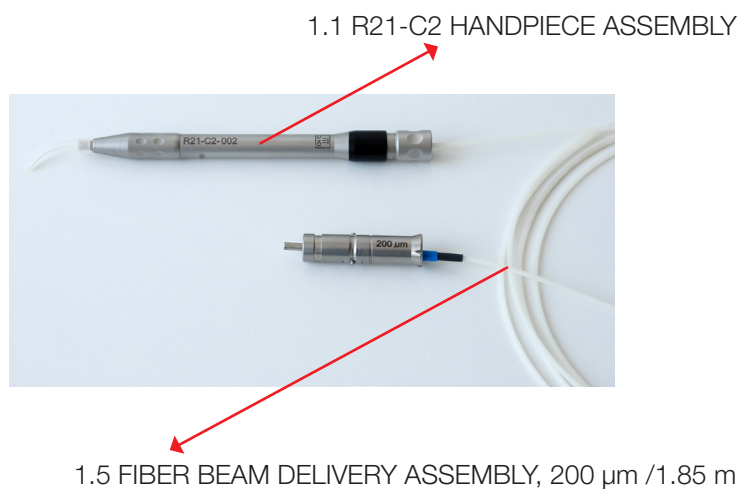
Part No.: 90398

HP R21-C2 CE ENG

Item	Part description	Part No.	Qty
1	R21-C2 HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	90415	1
	1.1 R21-C2 HANDPIECE ASSEMBLY	90010	1
	1.2 STRIPPING TOOL, 200/300 µm	48197	1
	1.3 FIBER SCRIBING TOOL	40002	1
	1.4 R21-C CASE	90405	1
	1.5 FIBER BEAM DELIVERY ASSEMBLY, 200 µm /1.85 m	89939	1
2	OPERATOR MANUAL	63637	1

Technical specification

dental, contact handpiece for Nd:YAG laser systems, 200 µm fibers; fiber delivery units are color coded (black)





Part No.: 90397

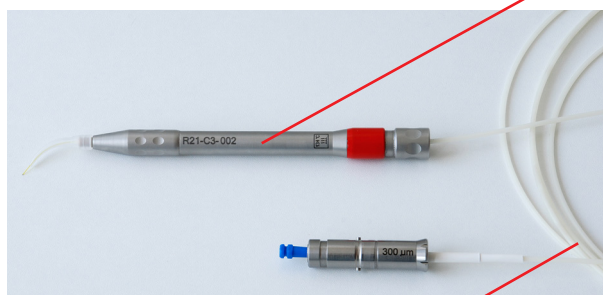
HP R21-C3 CE ENG

Item	Part description	Part No.	Qty
1	R21-C3 HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	90414	1
	1.1 R21-C3 HANDPIECE ASSEMBLY	90011	1
	1.2 STRIPPING TOOL, 200/300 μ m	48197	1
	1.3 FIBER SCRIBING TOOL	40002	1
	1.4 R21-C CASE	90405	1
	1.5 FIBER BEAM DELIVERY ASSEMBLY, 300 μ m /1.85 m	89940	1
2	OPERATOR MANUAL	63637	1

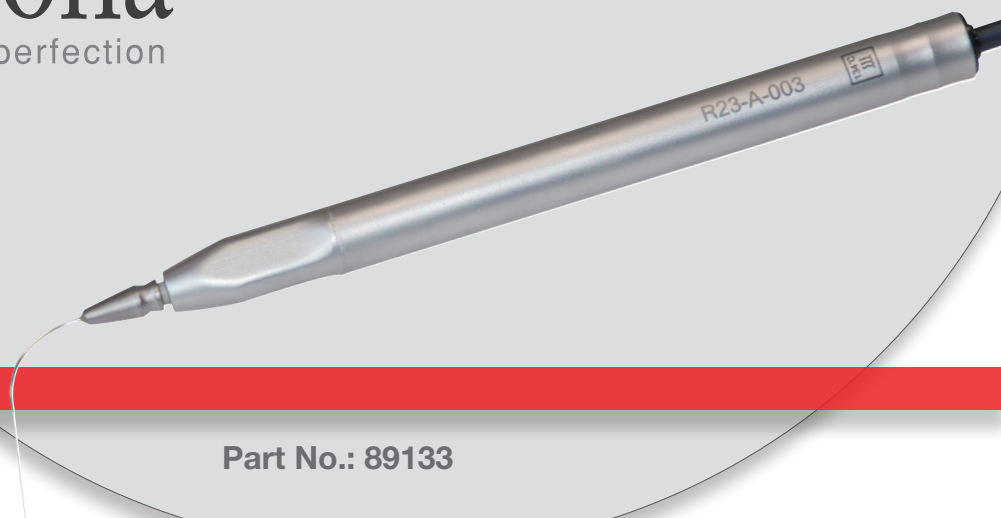
Technical specification

dental, contact handpiece for Nd:YAG laser systems, 320 μ m fibers; fiber delivery units are color coded (red)

1.1 R21-C3 HANDPIECE ASSEMBLY



1.5 FIBER BEAM DELIVERY ASSEMBLY 300 μ m /1.85 m



Part No.: 89133

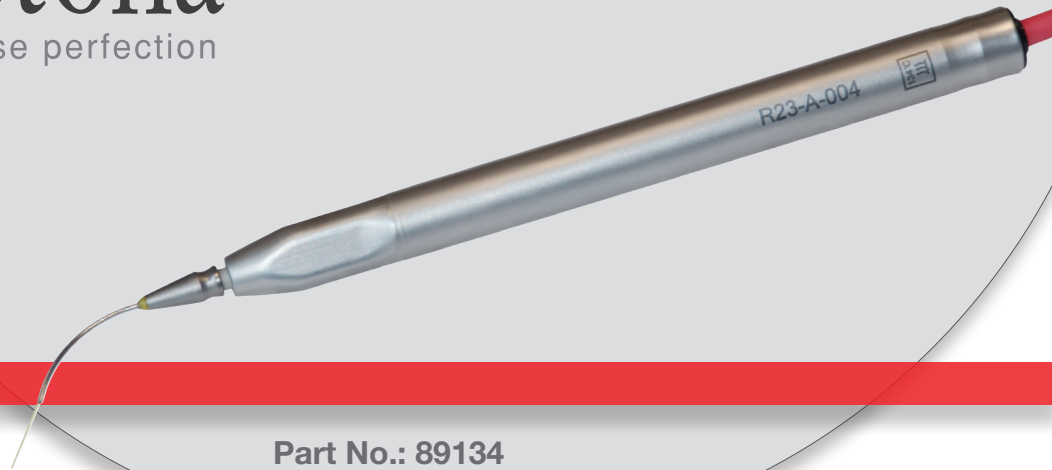
HP R23-A-240 CE ENG

Item	Part description	Part No.	Qty
1	R23-A-240 HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	89135	1
	1.1 R23-A HANDPIECE BODY	88496	1
	1.2 R23-A FIBER BEAM DELIVERY ASSEMBLY, 200 μ m	88230	1
	1.3 R23-A CANNULA 240 μ m	87830	1
	1.4 FIBER SCRIBING TOOL	40002	1
	1.5 FIBER, 240 μ m /155 mm	90530	1
	1.6 FIBER PACKING BOX	62599	1
2	OPERATOR MANUAL	89034	1

Technical specification

dental, contact handpiece for Nd:YAG laser systems, 240 μ m fibers; fiber delivery units are color coded (black)





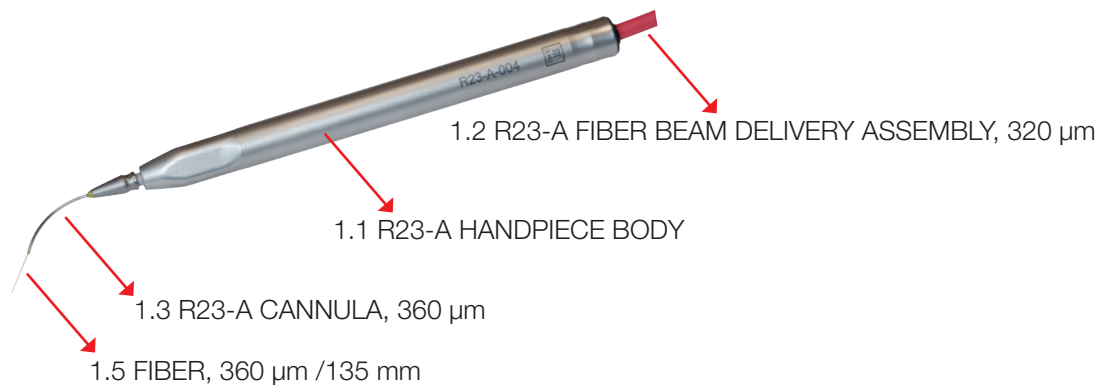
Part No.: 89134

HP R23-A-360 CE ENG

Item	Part description	Part No.	Qty
1	R23-A-360 HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	88903	1
	1.1 R23-A HANDPIECE BODY	88496	1
	1.2 R23-A FIBER BEAM DELIVERY ASSEMBLY, 320 μ m	88246	1
	1.3 R23-A CANNULA, 360 μ m	87829	1
	1.4 FIBER SCRIBING TOOL	40002	1
	1.5 FIBER, 360 μ m /135 mm	90531	1
	1.6 FIBER PACKING BOX	62599	1
2	OPERATOR MANUAL	89034	1

Technical specification

dental, contact handpiece for Nd:YAG laser systems, 360 μ m fibers; fiber delivery units are color coded (red)





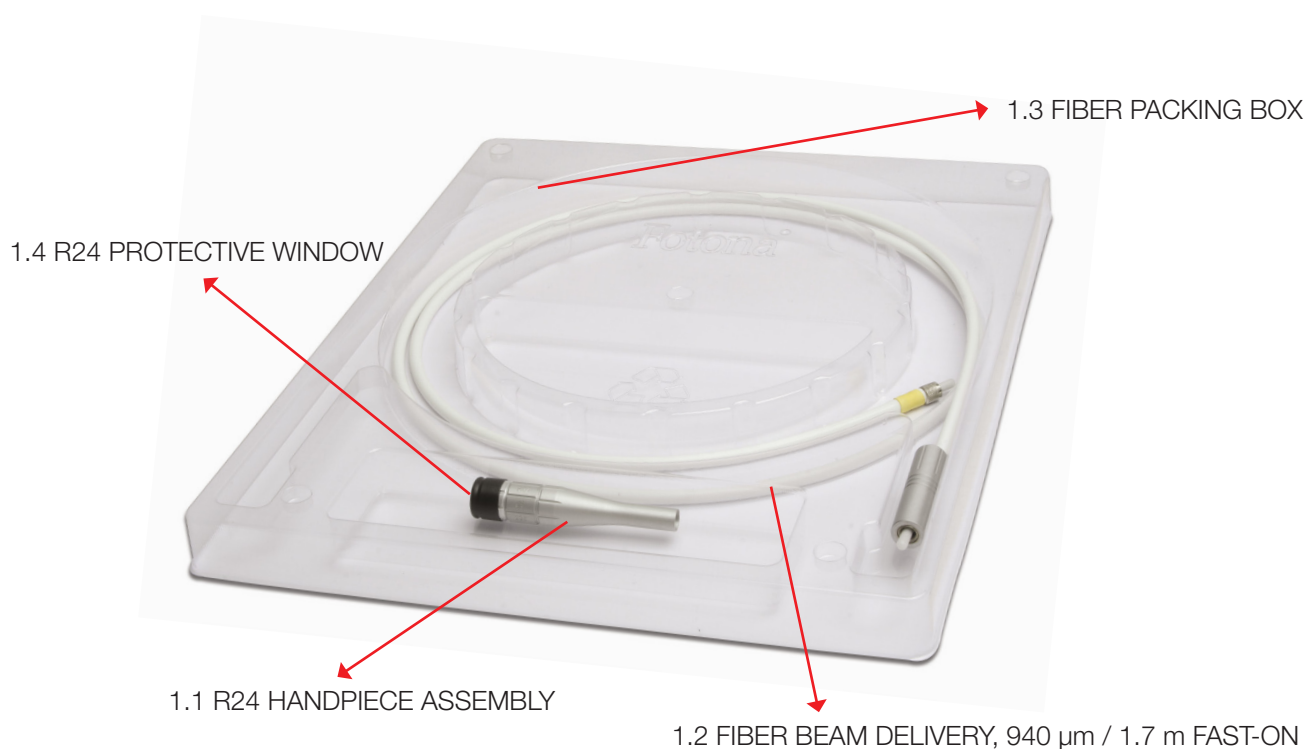
Part No.: 81417

HP R24C CE ENG

Item	Part description	Part No.	Qty
1	R24C HANDPIECE, COMPLETE PACKAGE (for LightWalker AT and DT only)	81418	1
	1.1 R24 HANDPIECE ASSEMBLY	67212	1
	1.2 FIBER BEAM DELIVERY, 940 μ m / 1.7 m FAST-ON	76882	1
	1.3 FIBER PACKING BOX	62599	1
	1.4 R24 PROTECTIVE WINDOW (consumable)	68012	1
2	OPERATOR MANUAL	67666	1

Technical specification

dental, collimated fiber-optic handpiece for Nd:YAG laser systems, 6 mm spot size





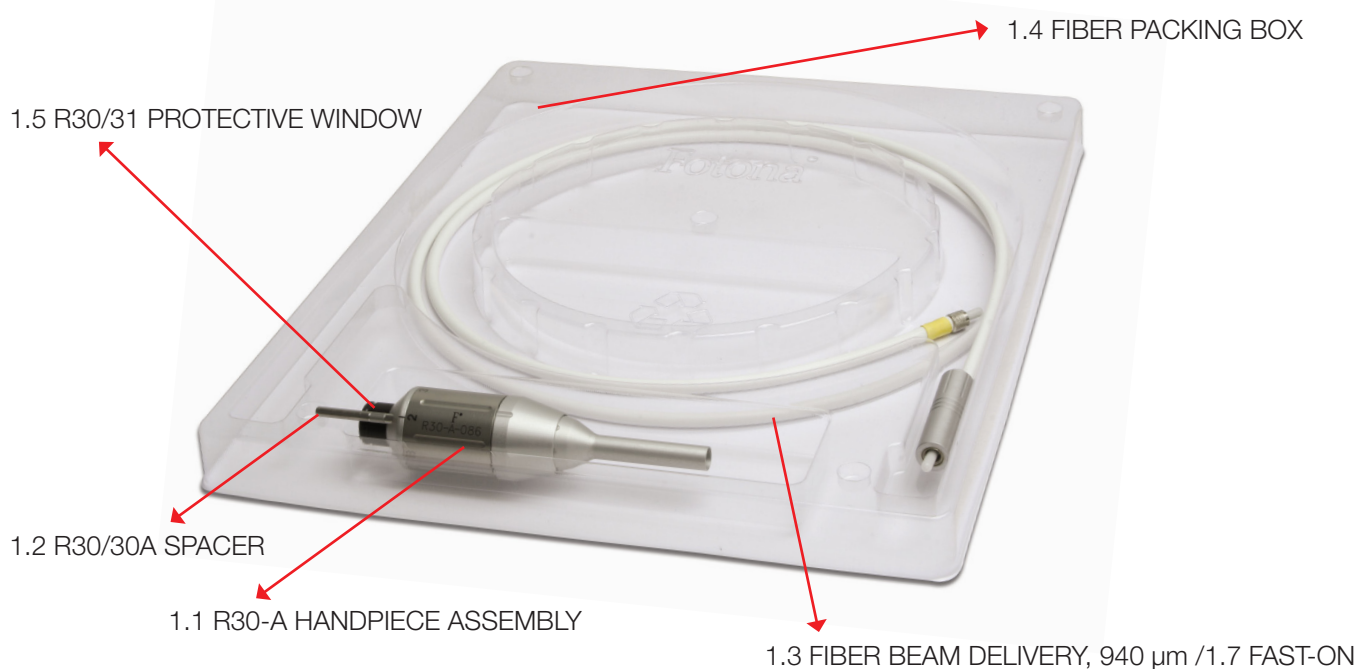
Part No.: 75518

HP R30-A CE ENG

Item	Part description	Part No.	Qty
1	R30-A HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	75159	1
	1.1 R30-A HANDPIECE ASSEMBLY	75158	1
	1.2 R30/30A SPACER	63145	1
	1.3 FIBER BEAM DELIVERY, 940 μ m /1.7 FAST-ON	76882	1
	1.4 FIBER PACKING BOX	62599	1
	1.5 R30/31 PROTECTIVE WINDOW (consumable) 63170	1	
2	OPERATOR MANUAL	63646	1

Technical specification

aesthetics and dermatological, straight handpiece for Nd:YAG laser systems with variable spot sizes from 2 mm to 8 mm in 1 mm steps



Er:YAG

Handpieces and X-Runner (SX02)

- HP HC02-C
- HP HC02-N
- HP HC14-C
- HP HC14-N
- HP HC02-14-N
- HP PS04
- HP R02-C
- HP R09-3T
- HP R14-C
- HP R15 CE ENG
- HP R16
- HP R17
- HP X-Runner (SX02)



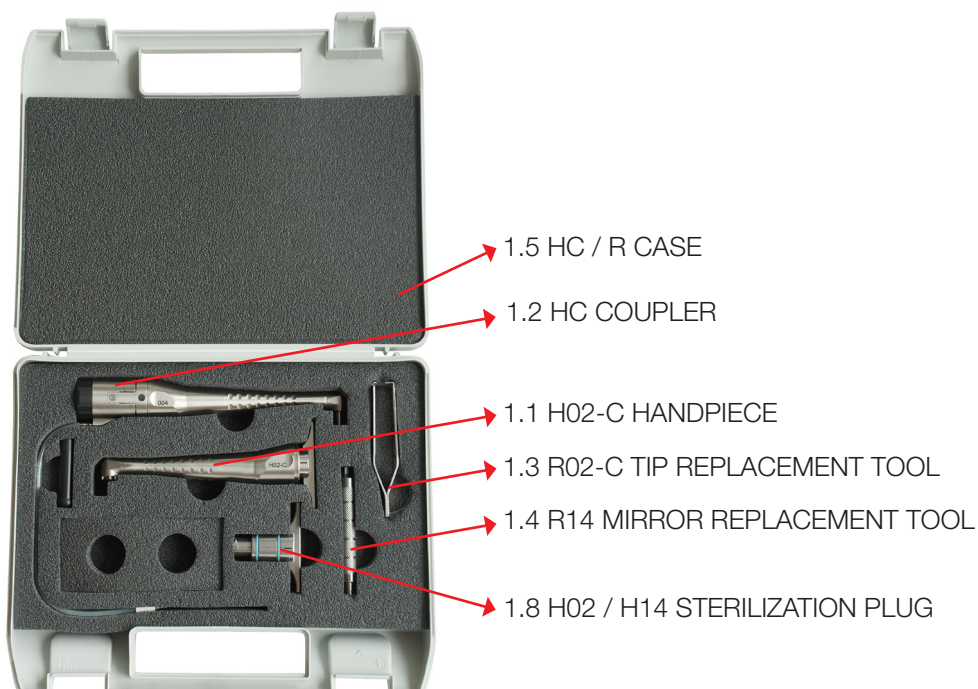
Part No.: 88566

HP HC02-C CE ENG (out of production)

Item	Part description	Part No.	Qty
1	HC02-C HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	88654	1
	1.1 H02-C HANDPIECE	86091	1
	1.2 HC COUPLER	88404	1
	1.3 R02-C TIP REPLACEMENT TOOL	73634	1
	1.4 R14 MIRROR REPLACEMENT TOOL	68573	1
	1.5 HC / R CASE	88691	1
	1.6 CLEANING CLOTH	73955	1
	1.7 R02-C PROTECTIVE WINDOW (consumable)	69021	1
	1.8 H02 / H14 STERILIZATION PLUG (spare part)	87884	1
2	OPERATOR MANUAL	63637	1

Technical specification

dental, non-contact, 90°-angled handpiece for Er:YAG laser systems, 0.9 mm spot size at the focal point, with integrated air/water spray nozzle





Part No.: 90664

HP HC02-N CE ENG

Item	Part description	Part No.	Qty
1	HC02-N HANDPIECE COMPLETE (for LightWalker AT only)	90669	1
	1.1 H02-N HANDPIECE	90693	1
	1.2 HC-N COUPLER	90667	1
	1.3 TWEEZERS	92852	1
	1.4 R14 MIRROR REPLACEMENT TOOL	68573	1
	1.5 HC / R PACKING BOX	88691	1
	1.6 CLEANING CLOTH	73955	1
	1.7 H14-C PROTECTIVE WINDOW (consumable)	88656	1
2	OM HCO2 HC14 CE ENG	88708	1

Technical specification

dental, non-contact, 90°-angled handpiece for Er:YAG laser systems, 0.9 mm spot size at the focal point, with integrated air/water spray nozzle





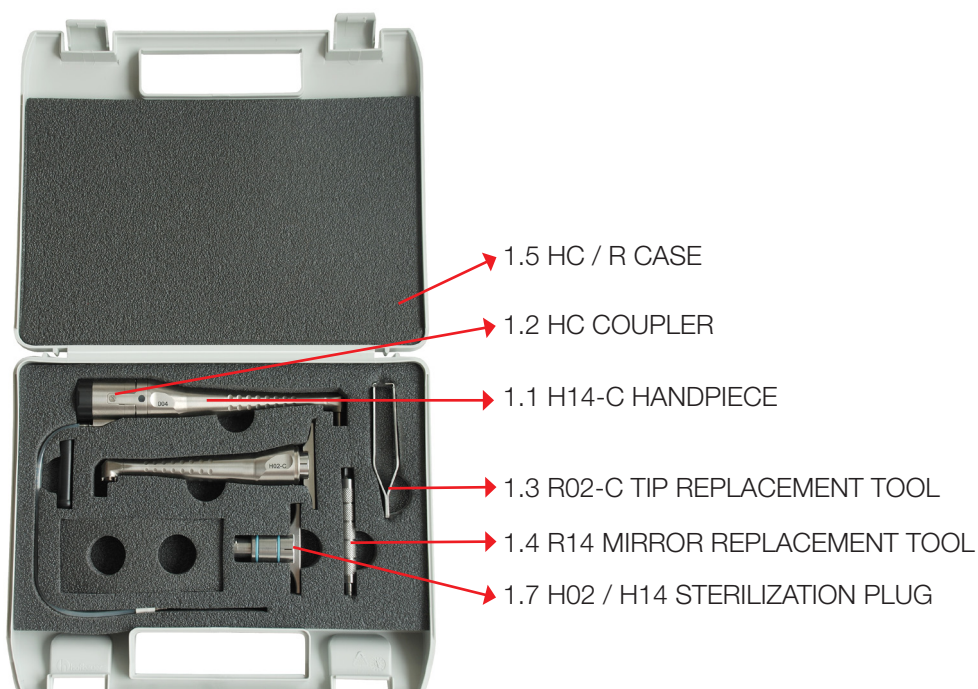
Part No.: 88564

HP HC14-C CE ENG (out of production)

Item	Part description	Part No.	Qty
1	HC14-C HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	88653	1
	1.1 H14-C HANDPIECE	83391	1
	1.2 HC COUPLER	88404	1
	1.3 R02-C TIP REPLACEMENT TOOL	73634	1
	1.4 R14 MIRROR REPLACEMENT TOOL	68573	1
	1.5 HC / R CASE	88691	1
	1.6 CLEANING CLOTH	73955	1
	1.7 H02 / H14 STERILIZATION PLUG (spare part)	87884	1
2	OPERATOR MANUAL	88708	1

Technical specification

dental, contact, fiber-optic tip, 90°-angled handpiece for Er:YAG laser systems, with integrated air/water spray nozzle. Compatible with a wide range of application-specific fiber tips





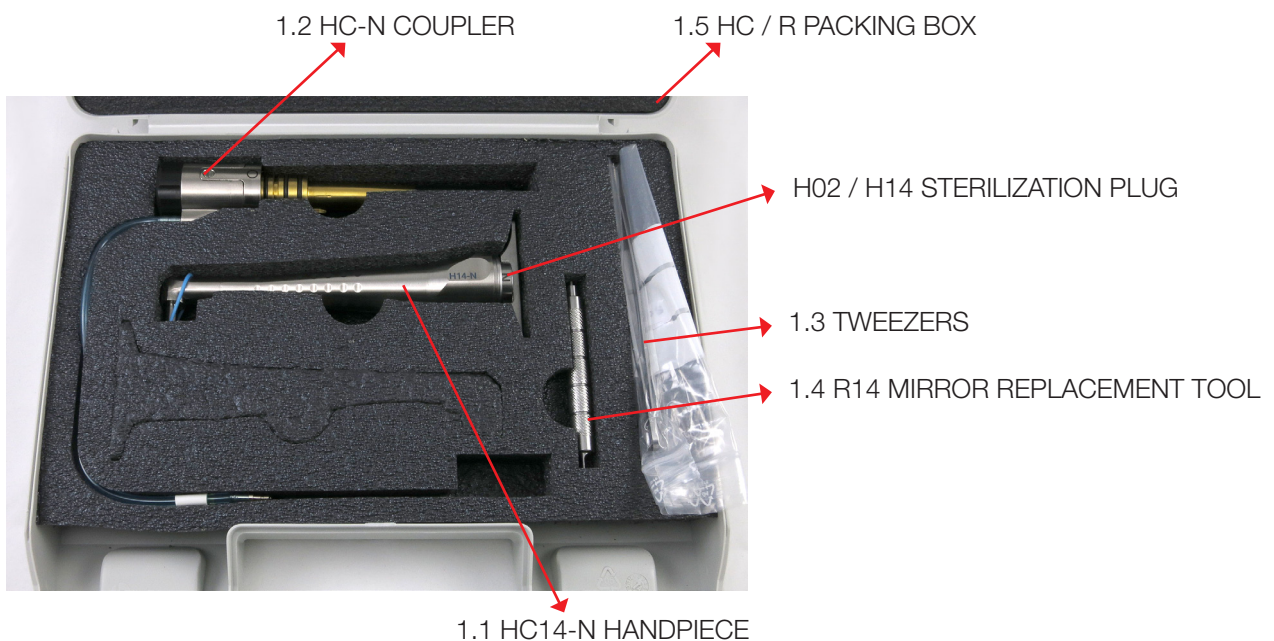
Part No.: 90662

HP HC14-N CE ENG

Item	Part description	Part No.	Qty
1	HC14-N HANDPIECE COMPLETE (for LightWalker AT only)	90668	1
	1.1 H14-N HANDPIECE	90692	1
	1.2 HC-N COUPLER	90667	1
	1.3 TWEEZERS	92852	1
	1.4 R14 MIRROR REPLACEMENT TOOL	68573	1
	1.5 HC / R PACKING BOX	88691	1
	1.6 CLEANING CLOTH	73955	1
	1.7 FIBERTIP 1.3 / 5.3	71766	1
2	OPERATOR MANUAL	88708	1

Technical specification

dental, contact, fiber-optic tip, 90°-angled handpiece for Er:YAG laser systems, with integrated air/water spray nozzle. Compatible with a wide range of application-specific fiber tips





Part No.: 91846

HP HC02-14-N CE ENG

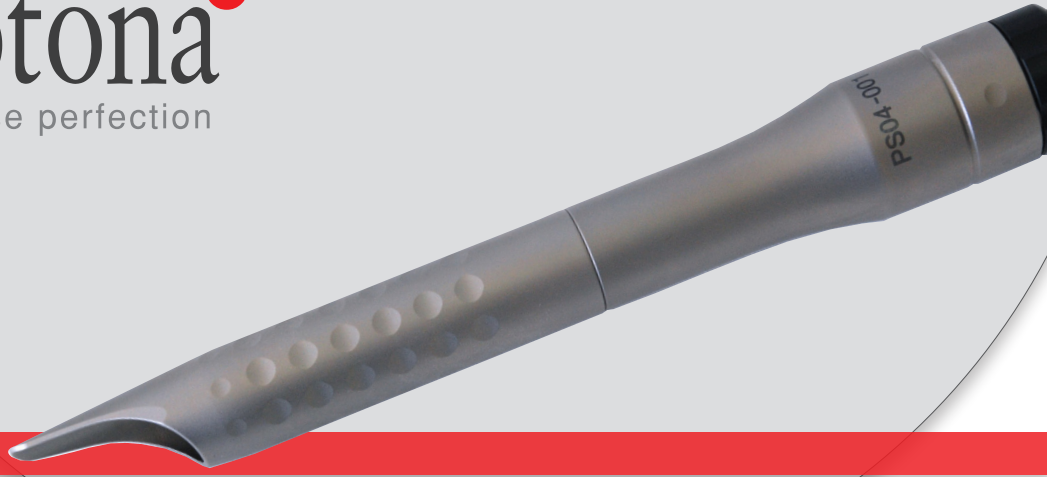
Item	Part description	Part No.	Qty
1	HC02-14-N HANDPIECE COMPLETE (for LightWalker AT only)	91841	1
	1.1 H02-N HANDPIECE	90693	1
	1.2 H14-N HANDPIECE	90692	1
	1.3 HC-N COUPLER	90667	1
	1.4 TWEEZERS	92852	1
	1.5 R14 MIRROR REPLACEMENT TOOL	68573	1
	1.6 HC / R PACKING BOX	88691	1
	1.7 CLEANING CLOTH	73955	1
	1.8 FIBERTIP 1.3 / 5.3	71766	1
2	OPERATOR MANUAL	88708	1

Technical specification

HC02-N: dental, non-contact, 90°-angled handpiece for Er:YAG laser systems, 0.9 mm spot size at the focal point, with integrated air/water spray nozzle

HC14-N: dental, contact, fiber-optic tip, 90°-angled handpiece for Er:YAG laser systems, with integrated air/water spray nozzle. Compatible with a wide range of application-specific fiber tips





Part No.: 91175

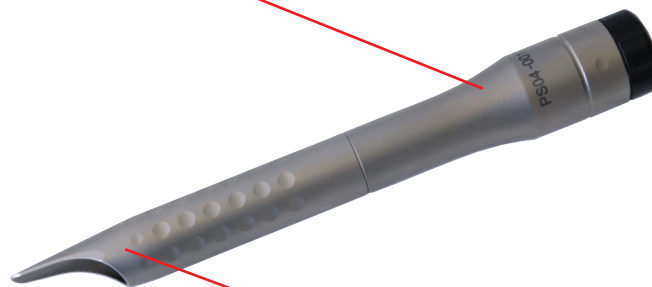
HP PS04 CE ENG

Item	Part description	Part No.	Qty
1	PS04 HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	91220	1
	1.1 PS04 HANDPIECE ASSEMBLY	91174	1
	1.2 R15 / R16 CASE	88979	1
	1.4 R15 / R16 SPACER (spare part)	87339	1
2	OPERATOR MANUAL	91196	1

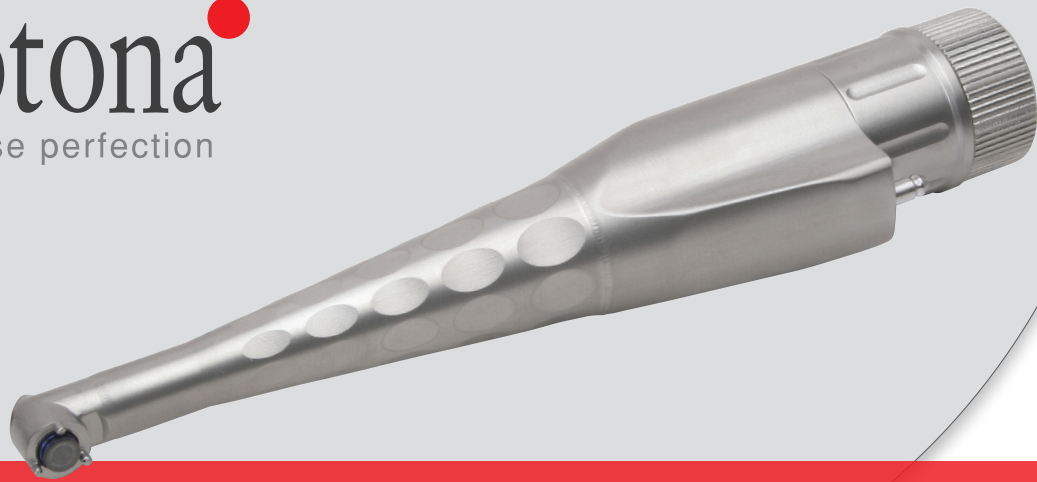
Technical specification

dermatological, fractional, straight handpiece for Er:YAG laser systems, with collimated beam at 7 mm spot size

1.1 PS04 HANDPIECE ASSEMBLY



1.4 R15 / R16 SPACER



Part No.: 71324

HP R02-C CE ENG

Item	Part description	Part No.	Qty
1	R02-C HANDPIECE, COMPLETE PACKAGE (for LightWalker DT and ST-E only)	70599	1
	1.1 R02-C HANDPIECE ASSEMBLY	69020	1
	1.2 R02-C PROTECTIVE WINDOW (consumable)	69021	1
	1.3 R02-C/ R14-C/D MIRROR	68951	1
	1.4 O-RING 5X1	31516	1
	1.5 R14 MIRROR REPLACEMENT TOOL	68573	1
	1.6 R02-C TIP REPLACEMENT TOOL	73634	1
	1.7 R02-C CASE	68515	1
	1.8 PROTECTIVE CAP ASSEMBLY	89875	1
2	OPERATOR MANUAL	63646	1

Technical specification

dental, non-contact, 90°-angled handpiece for Er:YAG laser systems, 0.9 mm spot size at the focal point, with integrated air/water spray nozzle





Part No.: 70838

HP R09-3T CE ENG

Item	Part description	Part No.	Qty
1	R09-3 HANDPIECE, COMPLETE PACKAGE (for LightWalker DT and ST-E only)	68704	1
	1.1 R09-3T HANDPIECE ASSEMBLY	90109	1
	1.2 R11 CASE	83036	1
2	OPERATOR MANUAL	63636	1

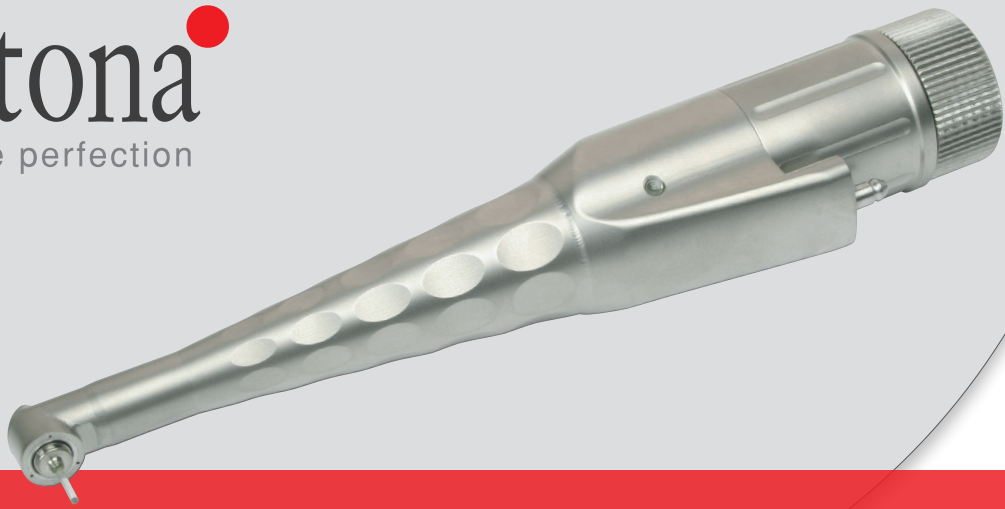
Technical specification

dental, non contact, straight handpiece for Er:YAG laser systems, with collimated beam at 5 mm spot size



1.2 R11 CASE

1.1 R09-3T HANDPIECE ASSEMBLY



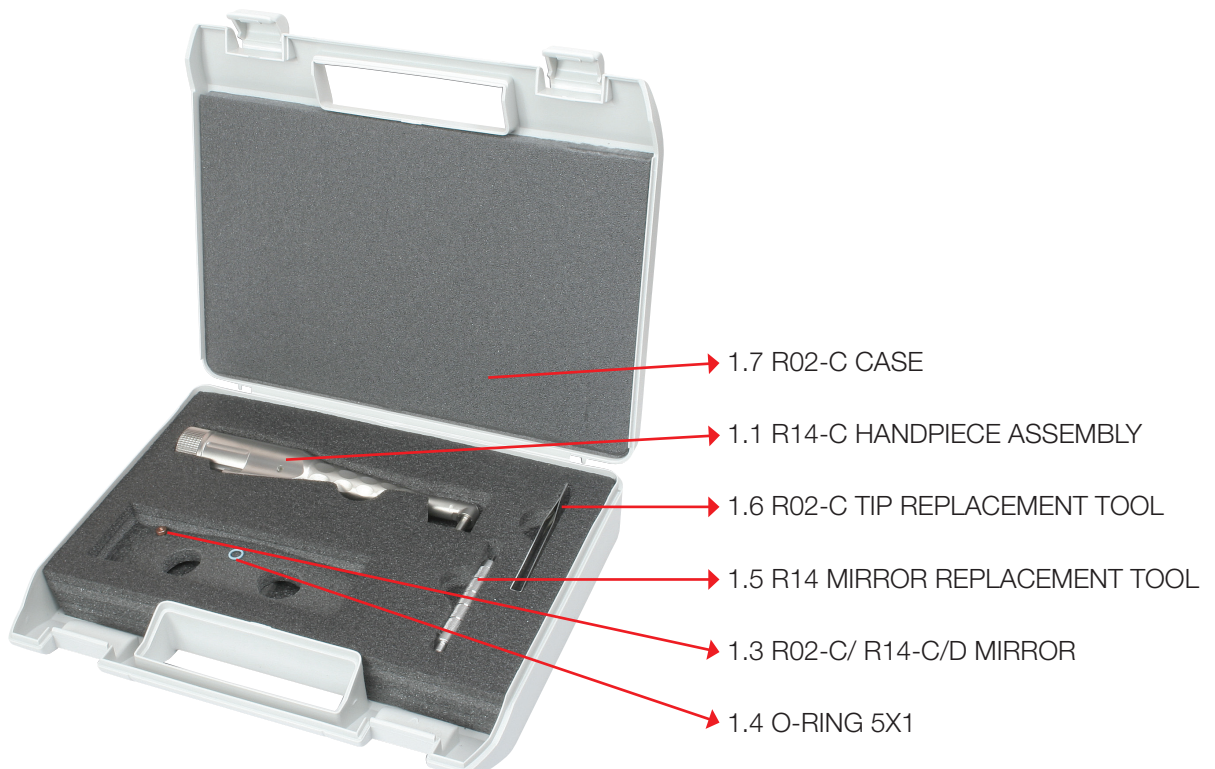
Part No.: 72831

HP R14-C CE ENG

Item	Part description	Part No.	Qty
1	R14-C HANDPIECE, COMPLETE PACKAGE (for LightWalker DT and ST-E only)	72829	1
	1.1 R14-C HANDPIECE ASSEMBLY	69084	1
	1.2 R14 CD FIBER TIP	71766	1
	1.3 R02-C/ R14-C/D MIRROR	68951	1
	1.4 O-RING 5X1	31516	1
	1.5 R14 MIRROR REPLACEMENT TOOL	68573	1
	1.6 R02-C TIP REPLACEMENT TOOL	73634	1
	1.7 R02-C CASE	68515	1
2	OPERATOR MANUAL	72843	1

Technical specification

dental, contact, fiber-optic tip, 90°-angled handpiece for Er:YAG laser systems, with integrated air/water spray nozzle. Compatible with a wide range of application-specific fiber tips.





Part No.: 89018

HP R15 CE ENG

Item	Part description	Part No.	Qty
1	R15 HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	88957	1
	1.1 R15 HANDPIECE ASSEMBLY	87342	1
	1.2 R15 / R16 CASE	88979	1
	1.3 R15 / R16 PROTECTIVE WINDOW (consumable)	58625	1
	1.4 R15 / R16 SPACER (spare part)	87339	1
2	OPERATOR MANUAL	89016	1

Technical specification

dermatological, straight handpiece for Er:YAG laser systems, with collimated beam at 3 mm spot size

1.1 R15 HANDPIECE ASSEMBLY



1.4 R15 / R16 SPACER



Part No.: 89020

HP R16 CE ENG

Item	Part description	Part No.	Qty
1	R16 HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	88958	1
	1.1 R16 HANDPIECE ASSEMBLY	87343	1
	1.2 R15 / R16 CASE	88979	1
	1.3 R15 / R16 PROTECTIVE WINDOW (consumable)	58625	1
	1.4 R15 / R16 SPACER (spare part)	87339	1
2	OPERATOR MANUAL	89016	1

Technical specification

dermatological, straight handpiece for Er:YAG laser systems, with collimated beam at 7 mm spot size

1.1 R16 HANDPIECE ASSEMBLY





Part No.: 90045

HP R17 CE ENG

Item	Part description	Part No.	Qty
1	R17 HANDPIECE, COMPLETE PACKAGE (for LightWalker AT only)	90046	1
	1.1 R17 HANDPIECE ASSEMBLY	90039	1
	1.2 R15 / R16 CASE	88979	1
	1.3 R17 PROTECTIVE WINDOW (consumable)	90038	1
2	OPERATOR MANUAL	89016	1

Technical specification

dermatological, straight handpiece for Er:YAG laser systems, with collimated beam at 5 mm spot size





Part No.: 92681

HP X-Runner (SX02) CE USA ENG

Item	Part description	Part No.	Qty
1	X-RUNNER SX02 COMPLETE	92680	1
	1.1 X-RUNNER SX02 BODY ASSEMBLY	92545	1
	1.2 X-RUNNER SX02 HANDPIECE ASSEMBLY	92700	1
	1.3 X-RUNNER SX02 HANDPIECE PROTECTIVE WINDOW (consumable)	92704	1
	1.4 X-RUNNER SX02 POWER CABLE	92302	1
	1.5 ARTICULATED ARM CLAMP FI 25	86578	1
	1.6 ARTICULATED ARM CLAMP FI22	86576	1
	1.7 ARTICULATED ARM CLAMP FI22, REST.	86577	1
	1.8 X-RUNNER SX02 Handpiece protective mirror replacement tool	92930	1
	1.9 MIRROR REPLACEMENT TOOL	68573	1
	1.10 X-RUNNER SX02 CASE	92874	1
2	OPERATOR MANUAL X-RUNNER SX02 CE USA ENG	91762	1

Technical specification

X-Runner, digitally controlled laser handpiece with circle, rectangular (line or square) and hexagonal shape (or shape outline) patterns. Shape size from 2-6 mm, working distance ≥ 13 mm.

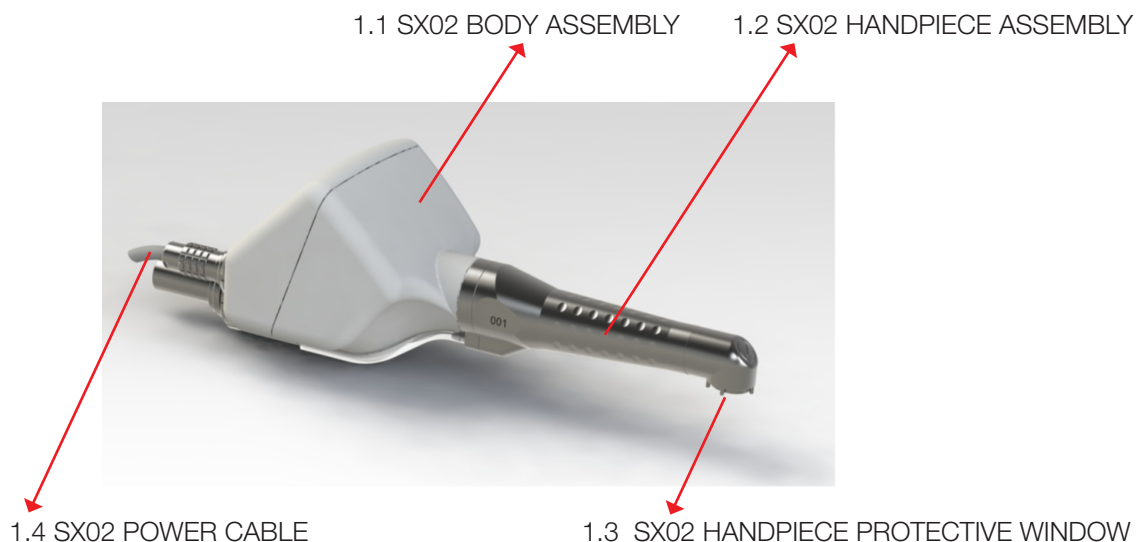


TABLE 1

laser systems / handpieces

LASER SYSTEMS	LightWalker AT and AT S	LightWalker DT	LightWalker DT Standard	LightWalker DT Advanced	LightWalker ST-E	LightWalker ST-E Standard	LightWalker ST-E Advanced	AT Fidelis	
WAVELENGTH	1064 nm 2940 nm	1064 nm 2940 nm	1064 nm 2940 nm	1064 nm 2940 nm	2940 nm	2940 nm	2940 nm	1064 nm 2940 nm	
Nd:YAG									
R21-A		✓	✓	✓					
R21								✓	
R21-C2	✓		✓	✓					
R21-C3	✓	✓	✓	✓					
R23 (240)	✓								
R23 (360)	✓								
R24C	✓	✓	✓	✓				✓	
R30-A	✓							✓	
Er:YAG									
HC02	✓								
HC14	✓								
R02		✓	✓	✓	✓	✓	✓	✓	
R09-3T		✓	✓	✓	✓	✓	✓	✓	
R14		✓	✓	✓	✓	✓	✓	✓	
R15	✓								
R16	✓								
R17	✓								
PS04	✓								
SX02 (X-Runner)	✓								