



Restoration & Prosthetics

Quieter, lasts longer



NEW

W&H
syneco
VISION
WK-431T

syneco



synea^{VISION}

The instrument line for the highest demands. Customised straight and contra-angle handpieces with maximum precision, elegance and performance.

synea^{FUSION}

The efficient and economical solution. Straight and contra-angle handpieces with the well-known Synea quality have never been so affordable!

The new premium straight and contra-angle handpieces from W&H



People have Priority: To make it easier to select one of our new Synea straight and contra-angle handpieces, we listened to your requirements and have now developed two new lines perfectly suited to your needs.

Synea Vision: now with innovations such as special scratch-resistant coating. And Synea Fusion: a series with top quality and maximum economy.



Quiet

Distinctly quieter – with special ceramic bearings.



Monoblock design

Ergonomics cast from a single piece – for optimal hygiene.



Customised production

Different head sizes for optimal access options.

Made in
AUSTRIA



Reliability

Top quality for a long life.

VISION

FUSION

Two instrument lines

New! Synea is available in Vision and Fusion lines.

Synea Vision: the ultimate straight and contra-angle handpieces

synea^{VISION}

A range for all applications: W&H has developed a range of top quality instruments with the new Synea Vision line. Two high-speed head sizes are available for surprising access options. And a special coating improves aesthetics even more – and extends their life.

synea^{VISION}

Instruments for the future

- > Different head sizes with Penta Spray
- > Perfect ergonomics and quiet operation
- > Lasting quality



Individual

Two high-speed head sizes available for different treatment situations.



Scratch-resistant surface

A special coating ensures long life and is easy to clean.



Penta Spray

The 5x spray ensures even cooling of the treatment site under all conditions.



Excellent preparation results

with outstandingly quiet operation and optimised head sizes.



Versatile range

The right straight or contra-angle handpiece for every application – in Synea quality!

Synea Vision: Technical data



Types with light: (compact glass rod)	WK-99 LT	WK-93 LT	WK-66 LT	WK-56 LT	WK-86 LT	HK-43 LT
Head size:	Ø 9.5 mm	Ø 9.1 mm	Ø 9.5 mm	Ø 9.5 mm	Ø 9.5 mm	–
Head height with bur (19 mm):	21.6 mm	21.2 mm	20 mm	20 mm	20 mm	–
Rotary instruments:	FG bur	FG bur	Contra-angle handpiece bur	Contra-angle handpiece bur	Contra-angle handpiece bur	Straight and contra-angle handpiece burs
Max. operating part diameter:	Ø 2.5	Ø 2	–	–	–	–
Max. length:	25 mm	21 mm	34 mm	34 mm	34 mm	34 mm
Speed increase/reduction:	1:5	1:4.5	2:1	1:1	10:1	1:1
Spray:	5x (> 50 ml/min)	5x (> 50 ml/min)	1x (> 50 ml/min)	1x (> 50 ml/min)	1x (> 50 ml/min)	1x (> 50 ml/min)
Illuminating power in types with light:	25,000 lux	25,000 lux	25,000 lux	25,000 lux	25,000 lux	25,000 lux
Indications:	<ul style="list-style-type: none"> > Crown and cavity preparations > Trephining > Resections > Finishing > Removing fillings and metal 	<ul style="list-style-type: none"> > Crown and cavity preparations > Trephining > Resections > Finishing > Removing fillings and metal 	<ul style="list-style-type: none"> > Excavating > Preparations close to the pulp > Finishing 	<ul style="list-style-type: none"> > Cavity preparations > Trephining > Resections > Separating > Finishing of cavity margins and fillings 	<ul style="list-style-type: none"> > Excavating > Preparations close to the pulp > Root canal filling > Cementing 	<ul style="list-style-type: none"> > Preparing > Separating > Trephining > Resections in anterior area > Minor technical procedures

Synea Fusion: Ultimate price-performance ratio



Proven Synea quality has never been so economical:
With the Synea Fusion line W&H has developed a
range of instruments in which economy is as
important as quality.



Quality that pays for itself

- > Proven Synea quality
- > Maximum efficiency in use
- > Uncompromising user comfort



Good illumination

Compact glass rod for good
illumination of the treatment site



Optimal cooling from four sides

Continuous cooling with
Quattro Spray.



Small head

Best visibility and optimal access
thanks to small head sizes.



Optimised grip profile

for secure grip and
optimum hygiene.



Special instruments

Special reciprocating contra-angle
handpieces for areas that are
difficult to access.

Synea Fusion:

Technical data



Types with light: (compact glass rod)	WG-99 LT	WG-66 LT	WG-56 LT		WG-67 LT	WG-69 LT
Types without light:	WG-99 A	WG-66 A	WG-56 A	HG-43 A	WG-67 A	WG-69 A
Head size:	Ø 10.0 mm	Ø 9.5 mm	Ø 9.5 mm	–	–	–
Head height with bur (19 mm):	20.8 mm	20 mm	20 mm	–	–	–
Rotary instruments:	FG bur	Contra-angle handpiece bur	Contra-angle handpiece bur	Straight and contra-angle handpiece burs	Stroke 1.1 for Dentatus tips	Stroke 0.9 for Intensiv files
Max. operating part diameter:	Ø 2.5	–	–	–	defined by the available files and tips	
Max. length:	25 mm	34 mm	34 mm	34 mm		
Speed increase/reduction:	1:5	2:1	1:1	1:1	2:1	2:1
Spray:	4x (> 50 ml/min)	1x (> 50 ml/min)	1x (> 50 ml/min)	1x (> 50 ml/min)	1x (> 50 ml/min)	1x (> 50 ml/min)
Illuminating power in types with light:	25,000 lux	25,000 lux	25,000 lux	25,000 lux	25,000 lux	25,000 lux
Indications:	<ul style="list-style-type: none"> > Crown and cavity preparations > Trephining > Resections > Finishing > Removing fillings and metal 	<ul style="list-style-type: none"> > Excavating > Preparations close to the pulp > Finishing 	<ul style="list-style-type: none"> > Crown and cavity preparations > Trephining > Resections > Separating > Finishing of cavity margins and fillings 	<ul style="list-style-type: none"> > Preparing > Separating > Trephining > Resections in anterior area > Minor technical procedures 	<ul style="list-style-type: none"> > Removal of excess materials > Prepolishing > Fine polishing > Buffing in the interdental and subgingival areas > Max. rotational speed 20,000 rpm 	<ul style="list-style-type: none"> > Finishing of interproximal and subgingival areas and cavity margins > Chamfering of the preparation edges and of cavities > Removal of subgingival plaque > Stripping in orthodontics > Max. rotational speed 40,000 rpm



Scan the QR code with your mobile phone for more information on Synea contra-angle handpieces

Pictures are for illustrative purposes only. Additional equipment and accessories shown are not included as standard.



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