HEXAGON

Data Sheet

GLOBAL S

The CMM for pushing productivity further




EPS

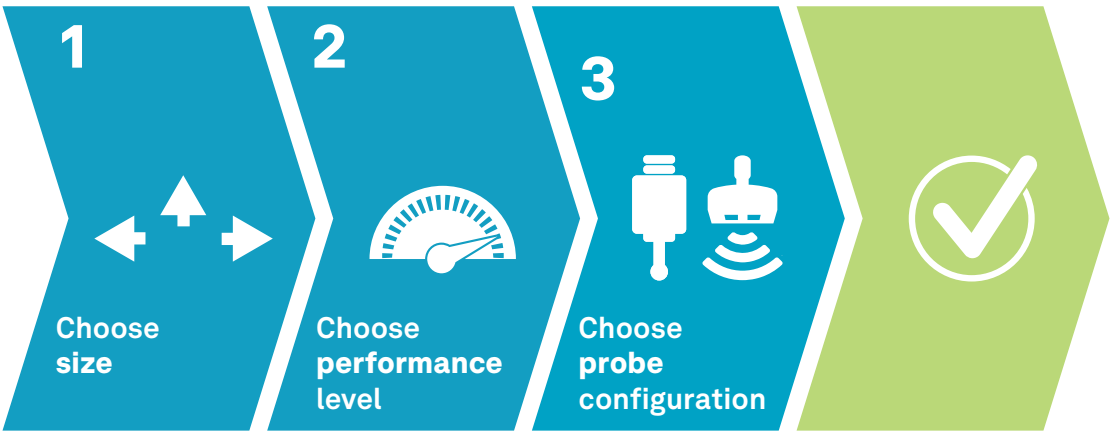
GLOBAL S

The coordinate measuring machine that pushes productivity further

The GLOBAL S coordinate measuring machine (CMM) series combines smart technologies to deliver superior measurement performance and enhanced productivity for the unique needs of any production environment. Designed by Pininfarina and powered by Hexagon's Enhanced Productivity Series (EPS) concept, GLOBAL S brings together enhanced technologies to form an optimal measurement solution with three performance levels: Green, Blue and Chrome, to suit the requirements of any application.

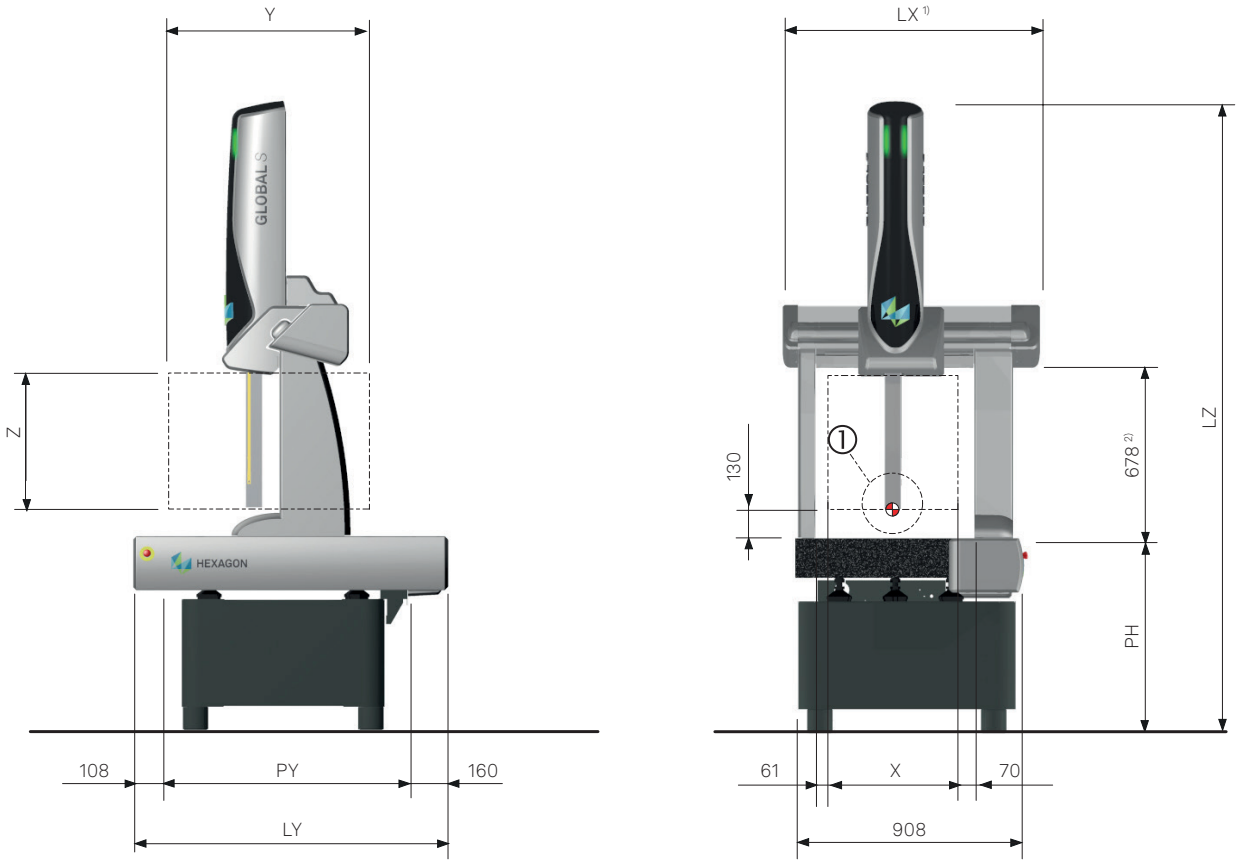
EPS machines offer customers the option to select their main productivity driver and configure the CMM for throughput, precision, flexibility or shop-floor capability. The CMM range also supports fully-customised setups to ensure that GLOBAL S is universally applicable and drives continuous productivity improvement.

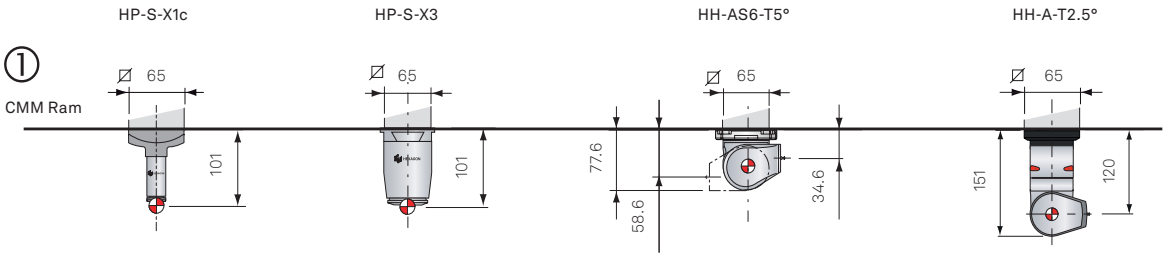
GLOBAL S | How to choose the right system





GLOBAL S 05.YY.05 | Overall dimensions

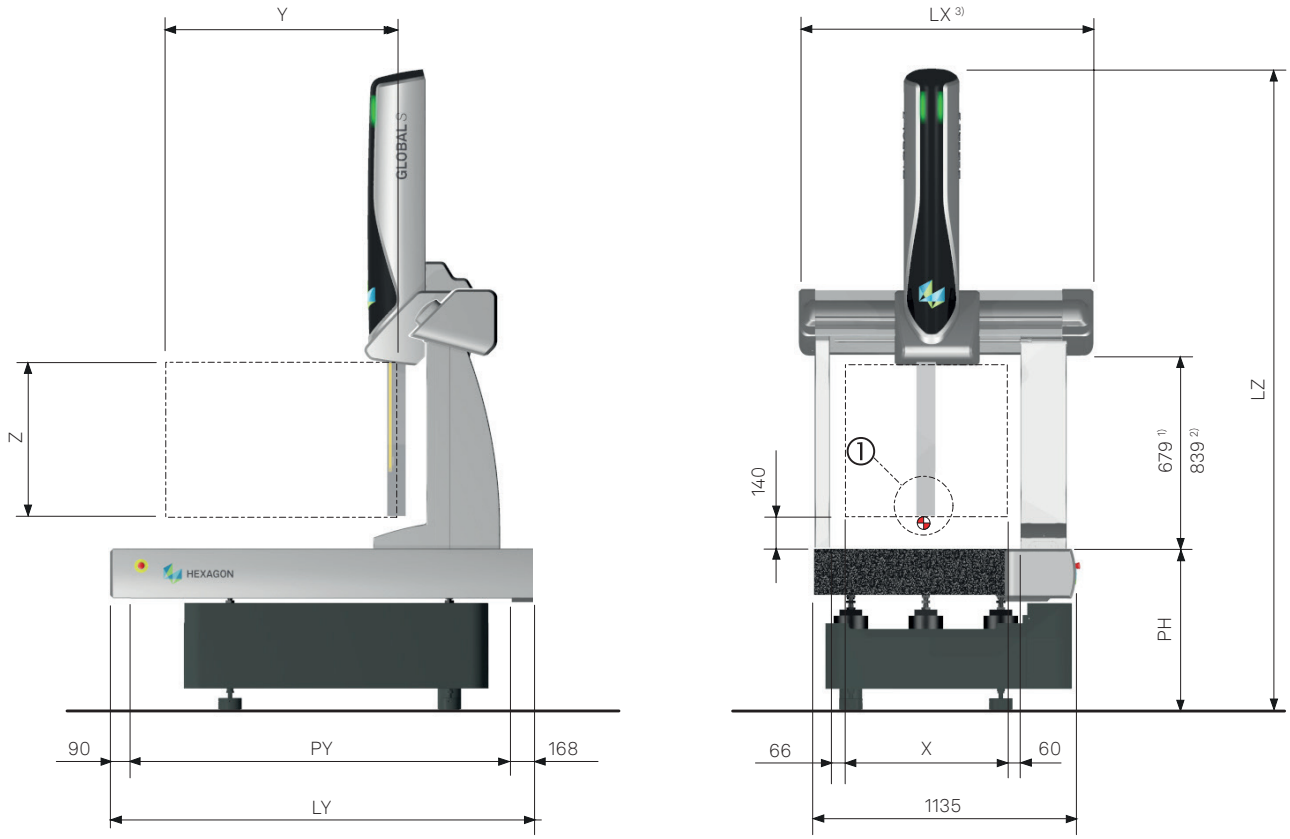


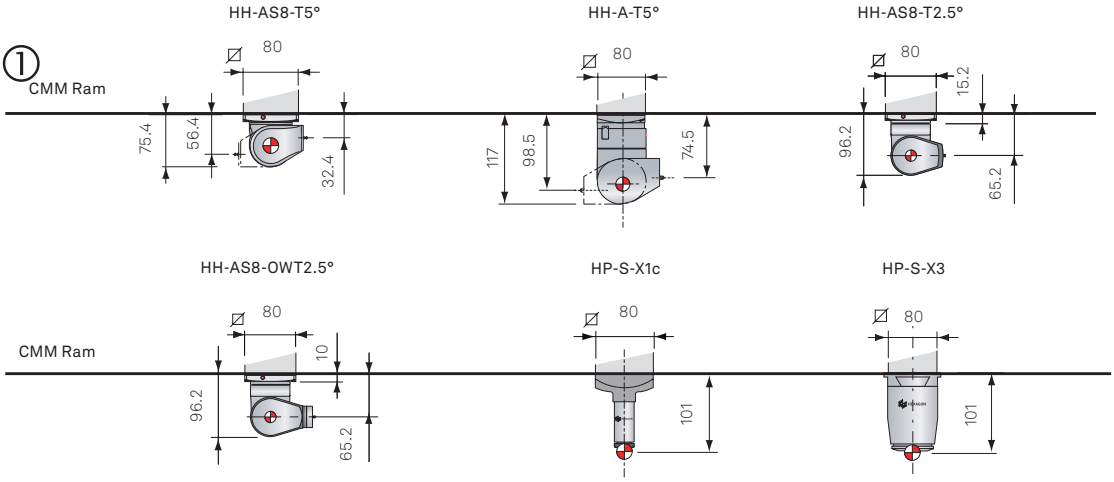


Models	Measuring range (mm)			Overall dimensions (mm)			Surface plate (mm)		Max. part weight (kg)	CMM weight approx. (kg)
	X	Y	Z	LX 1)	LY	LZ	PH	PY		
05.05.05	500	500	500	1024	1258	2540	800	990	230	510
05.07.05	500	700	500	1024	1458	2540	800	1190	230	625

1) With shop floor bellows: LX + 21 mm
2) With shop floor bellows: 649 mm

GLOBAL S 07.YY.05 and 07.10.07 | Overall dimensions

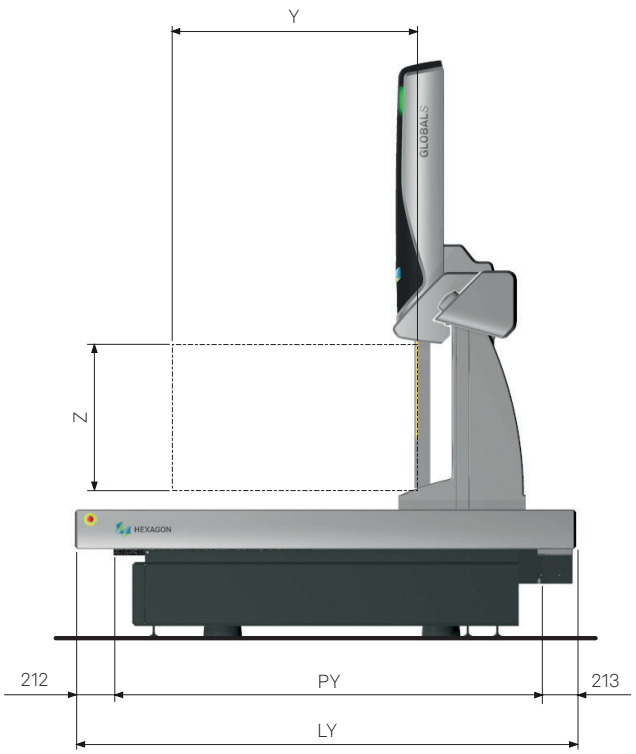


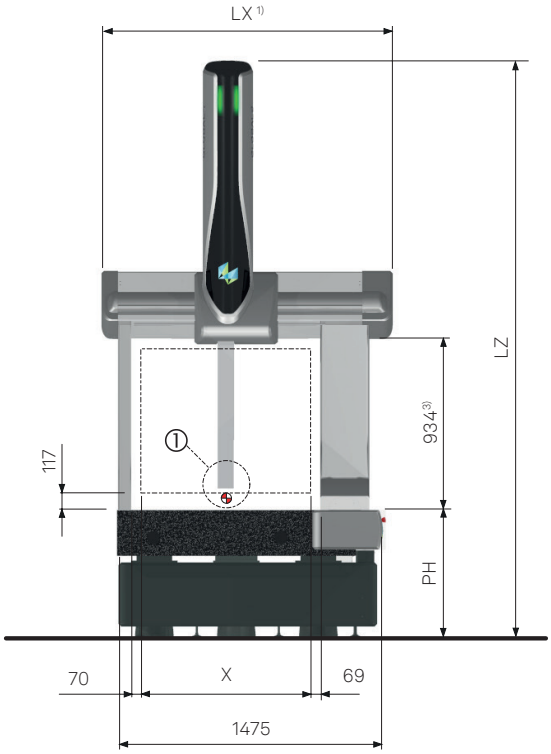


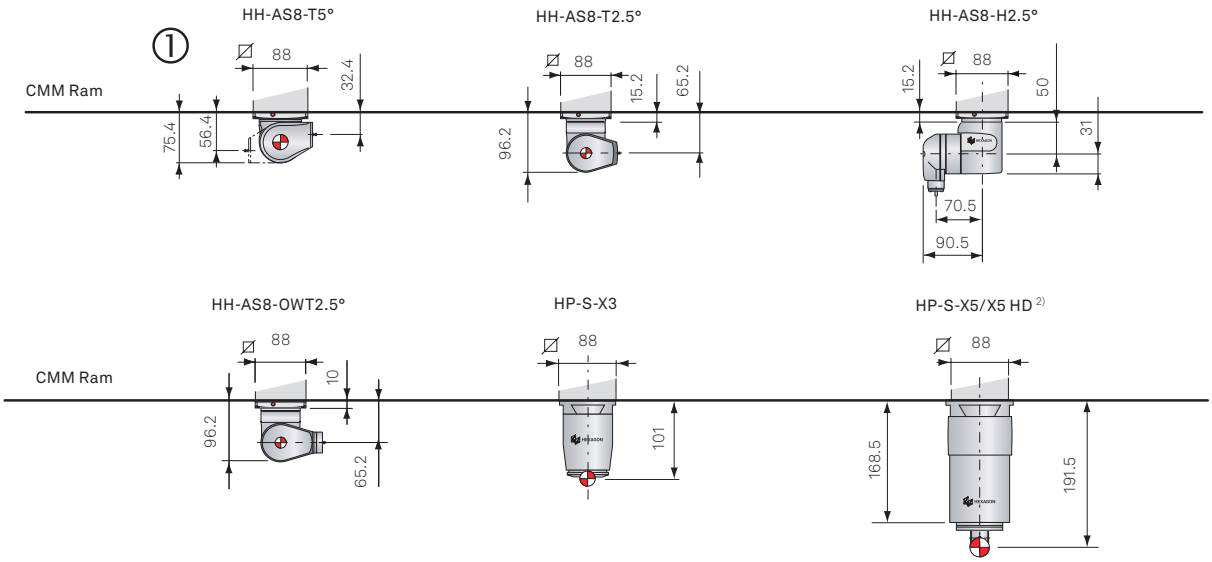
Models	Measuring range (mm)			Overall dimensions (mm)			Surface plate (mm)		Max. part weight (kg)	CMM weight approx. (kg)
	X	Y	Z	LX 3)	LY	LZ	PH	PY		
07.07.05	700	700	500	1277	1608	2458	680	1350	900	960
07.10.05	700	1000	500	1277	1908	2458	700	1650	900	1245
07.10.07	700	1000	660	1277	1908	2777	700	1650	900	1265

1) GLOBAL S 07.YY.05 - With shop floor bellows: 639 mm
2) GLOBAL S 07.YY.07 - With shop floor bellows: 796 mm
3) With shop floor packages: LX + 12 mm

GLOBAL S 09.YY.08 | Overall dimensions



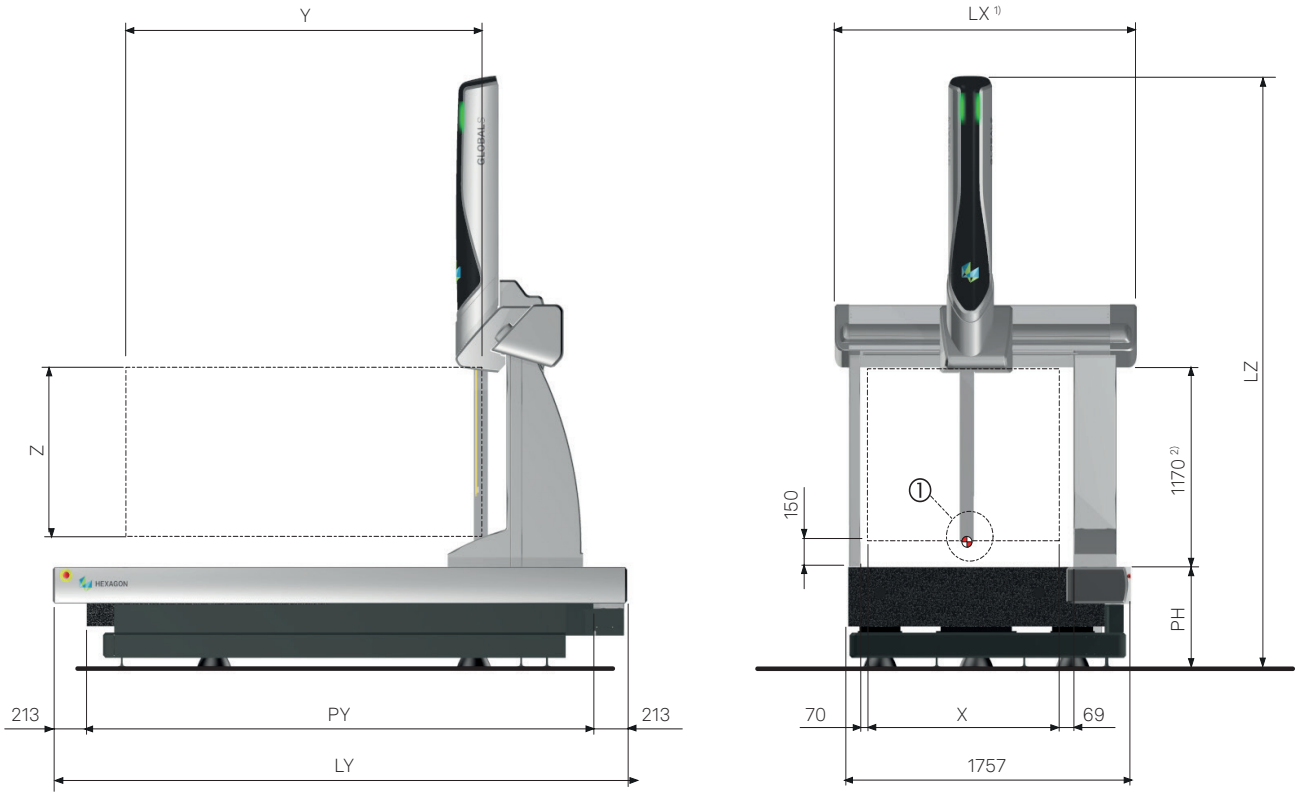


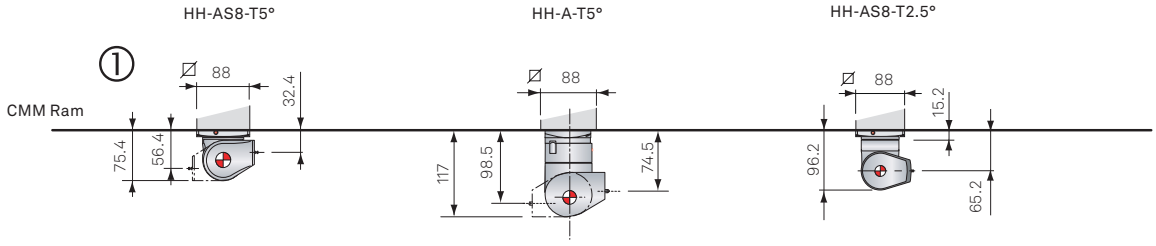


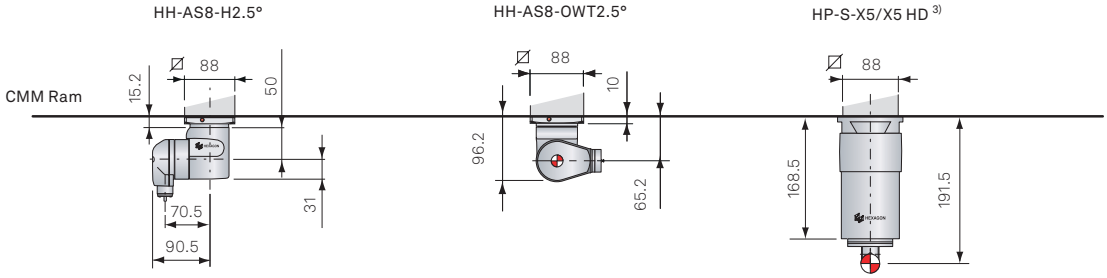
Models	Measuring range (mm)			Overall dimensions (mm)			Surface plate (mm)		Max. part weight (kg)	CMM weight approx. (kg)
	X	Y	Z 4)	LX 1)	LY	LZ	PH	PY		
09.12.08	900	1200	800	1598	2455	3150	700	2030	1300	2215
09.15.08	900	1500	800	1598	2755	3150	700	2330	1500	2455
09.20.08	900	2000	800	1598	3255	3150	700	2830	1800	2855

1) With shop-floor bellows: LX + 16 mm.
2) GLOBAL S blue and chrome.
3) With shop-floor bellows: 923 mm.
4) With HP-S-X5/H5 HD probe head, Z travel = 730 mm
Note: All models are available with reduced total machine height: LZ = 120 mm

GLOBAL S 12.YY.10 | Overall dimensions







Models	Measuring range (mm)			Overall dimensions (mm)			Surface plate (mm)		Max. part weight (kg)	CMM weight approx. (kg)
	X	Y	Z 4)	LX 1)	LY	LZ	PH	PY		
12.15.10	1200	1500	1000	1898	2906	3513	625	2480	1800	3850
12.22.10	1200	2200	1000	1898	3606	3488	600	3180	2250	5750
12.30.10	1200	3000	1000	1898	4406	3513	625	3980	2250	7650

1) With shop-floor bellows: LX + 17 mm.
2) With shop-floor bellows: 1162 mm.
3) GLOBAL S blue and chrome.
4) With HP-S-X5/H5HD probe head, Z travel = 970 mm.

GLOBAL S | Specifications

Scanning probe heads HP-S-X5/X3/X1c Articulating head with HP-S-X1 scanning probe	05.YY.05	07.YY.05	07.YY.07	09.YY.08	12.YY.10
MPE***(E0/E150)***[1] [18-22°C]	1.4 + L/333	1.3 + L/333	1.3 + L/333	1.3 + L/333	2.0 + L/333
MPE***(E0/E150)***[1] [16-26°C]	1.6 + L/222	1.5 + L/250	1.5 + L/250	1.6 + L/250	2.4 + L/200
MPE***(E0/E150)***[1] [16-26°C][4]	1.6 + L/222	1.3 + L/294	1.3 + L/294	1.3 + L/285	2.0 + L/277
MPE***(E0/E150)***[1] [15-30°C][4]	1.8 + L/143	1.3 + L/263	1.3 + L/263	1.3 + L/256	2.0 + L/250
MPL***(R0)***	1.2	1.2	1.2	1.2	1.7
MPE***(PFTU)***	1.4	1.4	1.4	1.3	1.7
MPE***(THP)***/MPT(τ) | High accuracy[2]	2.1/30	2.0/30	2.0/30	2.0/35	2.5/35
MPE***(THP)***/MPT(τ) | High throughput[2]	2.1/30	2.0/30	2.0/30	2.3/25	3.5/25
MPE***(THN)***/MPT(τ) | Non-predefined path[2]	2.1/50	2.0/50	2.0/50	2.0/50	2.0/50
RONt (MZCI)[3]	1.4	1.4	1.4	1.4	1.7
MPE***(E0/E150)***[1] [18-22°C]	1.4 + L/333	1.4 + L/333	1.4 + L/333	1.4 + L/333	2.1 + L/333
MPE***(E0/E150)***[1] [16-26°C]	1.6 + L/222	1.6 + L/250	1.6 + L/250	1.7 + L/250	2.5 + L/200
MPE***(E0/E150)***[1] [16-26°C][4]	1.6 + L/222	1.4 + L/294	1.4 + L/294	1.4 + L/285	2.1 + L/277
MPE***(E0/E150)***[1] [15-30°C][4]	1.8 + L/143	1.4 + L/263	1.4 + L/263	1.4 + L/256	2.1 + L/250
MPL***(R0)***	1.2	1.2	1.2	1.2	1.7
MPE***(PFTU)***	1.4	1.4	1.4	1.4	1.8
MPE***(THP)***/MPT(τ)[2]	2.5/45	2.5/45	2.5/45	2.5/45	3.1/45
MPE***(E0/E150)***[1] [18-22°C]	1.5 + L/333	1.5 + L/333	1.5 + L/333	1.8 + L/333	2.4 + L/333
MPE***(E0/E150)***[1] [16-26°C]	1.7 + L/222	1.7 + L/250	1.7 + L/250	2.1 + L/250	2.8 + L/200
MPE***(E0/E150)***[1] [16-26°C][4]	1.7 + L/222	1.5 + L/294	1.5 + L/294	1.8 + L/285	2.4 + L/277
MPE***(E0/E150)***[1] [15-30°C][4]	1.9 + L/143	1.5 + L/263	1.5 + L/263	1.8 + L/256	2.4 + L/250
MPL***(R0)***	1.4	1.4	1.4	1.7	1.9
MPE***(PFTU)***	1.6	1.6	1.6	1.8	2.4
MPE***(THP)***/MPT(τ)[2]	2.9/45	2.9/45	2.9/45	2.9/45	4.0/45

Chrome performance level Blue performance level Green performance level

Max. Permissible Error MPE [µm] and Max. Permissible Limit MPL [µm] according to ISO 10360-2:2009:
- Volumetric length measuring error: MPE***(E0/E150)***
- Repeatability range: MPL***(R0)***

Max. Permissible Error MPE [µm] according to ISO 10360-5:2010:
- Single stylus form error: MPE***(PFTU)***

Max. Permissible Error MPE [µm] and Max. Permissible Time MPT [s] according to ISO 10360-4: 2000:
- Single stylus form error, scanning: MPE***(THP)***/MPT(τ)

ISO 12181-1: 2011 (VDI/VDE 2617 part 2.2): Form measurement error [µm]: ***RONt*** (MZCI)

Probe configuration:
- HP-S-X5/3C: stylus length 60 mm, tip diameter 5 mm
- HP-S-X1: stylus length 50 mm, tip diameter 5 mm

[1] MPE***(E0/E150)*** specifications are to be formally understood as MPE(E0/E150)* for the case where non-normal CTE material calibrated test lengths are used. Length unit measure (L) in mm.
[2] MPE***(THP/THN)*** and MPT(τ): test sphere placed in the centre of measuring volume.
[3] RONt test on Ø50 mm ring gauge. Ring axis parallel to machine vertical axis, gauge placed in the centre of measuring volume.
[4] For shop-floor packages only.

GLOBAL S | Specifications

Articulating head with HP-THDe high-precision trigger probe	05.YY.05	07.YY.05	07.YY.07	09.YY.08	12.YY.10
MPE*(E0/E150)*[1] [18-22°C]	–	1.7 + L/333	1.7 + L/333	1.7 + L/333	2.4 + L/333
MPE*(E0/E150)*[1] [16 °C - 26 °C]	–	1.9 + L/250	1.9 + L/250	1.9 + L/250	2.7 + L/200
MPE*(E0/E150)*[1] [16 °C - 26 °C] [2]	–	1.7 + L/294	1.7 + L/294	1.7 + L/285	2.1 + L/277
MPE*(E0/E150)*[1] [15 °C - 30 °C] [2]	–	1.7 + L/263	1.7 + L/263	1.7 + L/256	2.1 + L/250
MPL*(R0)*	–	1.7	1.7	1.7	2.7
MPE*(PFTU)*	–	1.7	1.7	1.7	2.2
MPE*(E0/E150)*[1] [18-22°C]	1.7 + L/333	1.7 + L/333	1.7 + L/333	1.9 + L/333	2.5 + L/333
MPE*(E0/E150)*[1] [16-26°C]	1.9 + L/222	1.9 + L/250	1.9 + L/250	2.1 + L/250	2.8 + L/200
MPE*(E0/E150)*[1] [16-26°C][4]	1.9 + L/222	1.7 + L/294	1.7 + L/294	1.9 + L/285	2.5 + L/277
MPE*(E0/E150)*[1] [15-30°C][4]	2.1 + L/143	1.7 + L/263	1.7 + L/263	1.9 + L/256	2.5 + L/250
MPL*(R0)*	1.9	1.9	1.9	2.1	2.7
MPE*(PFTU)*	1.9	1.9	1.9	1.9	2.2
MPE*(E0/E150)*[1] [18-22°C]	1.7 + L/333	1.7 + L/333	1.7 + L/333	1.9 + L/333	2.5 + L/333
MPE*(E0/E150)*[1] [16-26°C]	1.9 + L/222	1.9 + L/250	1.9 + L/250	2.1 + L/250	2.8 + L/200
MPE*(E0/E150)*[1][16-26°C][2]	1.9 + L/222	1.7 + L/294	1.7 + L/294	1.9 + L/285	2.5 + L/277
MPE*(E0/E150)*[1] [15-30°C][2]	2.1 + L/143	1.7 + L/263	1.7 + L/263	1.9 + L/256	2.5 + L/250
MPL*(R0)*	1.9	1.9	1.9	2.1	2.7
MPE*(PFTU)*	1.9	1.9	1.9	1.9	2.5

Articulating head with HP-TMe trigger probe	05.YY.05	07.YY.05	07.YY.07	09.YY.08	12.YY.10
MPE*(E0/E150)*[1] [18-22°C]	1.9 + L/333	1.9 + L/333	1.9 + L/333	2.1 + L/333	2.7 + L/333
MPE*(E0/E150)*[1] [16-26°C]	2.2 + L/222	2.2 + L/250	2.2 + L/250	2.4 + L/250	3.1 + L/200
MPE*(E0/E150)*[1] [16-26°C][2]	2.2 + L/222	1.9 + L/294	1.9 + L/294	2.1 + L/285	2.7 + L/277
MPE*(E0/E150)*[1] [15-30°C][2]	2.4 + L/143	1.9 + L/263	1.9 + L/263	2.1 + L/256	2.7 + L/250
MPL*(R0)*	1.9	1.9	1.9	2.1	2.7
MPE*(PFTU)*	2.0	2.0	2.0	2.0	2.6
MPE*(E0/E150)*[1] [18-22°C]	1.9 + L/333	1.9 + L/333	1.9 + L/333	2.1 + L/333	2.7 + L/333
MPE*(E0/E150)*[1] [16-26°C]	2.2 + L/222	2.2 + L/250	2.2 + L/250	2.4 + L/250	3.1 + L/200
MPE*(E0/E150)*[1] [16-26°C][2]	2.2 + L/222	1.9 + L/294	1.9 + L/294	2.1 + L/285	2.7 + L/277
MPE*(E0/E150)*[1] [15-30°C][2]	2.4 + L/143	1.9 + L/263	1.9 + L/263	2.1 + L/256	2.7 + L/250
MPL*(R0)*	1.9	1.9	1.9	2.1	2.7
MPE*(PFTU)*	2.0	2.0	2.0	2.0	2.7

Chrome performance level Blue performance level Green performance level

Max. Permissible Error MPE [µm] and Max. Permissible Limit MPL [µm] according to ISO 10360-2:2009:
- Volumetric length measuring error: MPE*(E0/E150)*
- Repeatability range: MPL*(R0)*

Max. Permissible Error MPE [µm] according to ISO 10360-5:2010:
- Single stylus form error: MPE*(PFTU)*

Probe configuration:
- HP-THDe: Standard force module, stylus length 10 mm, tip diameter 4 mm.
- HP-TMe: Standard force module, stylus length 10 mm, tip diameter 4 mm.

[1] MPE*(E0/E150)* specifications are to be formally understood as MPE(E0/E150)* for the case where non-normal CTE material calibrated test lengths are used. Length unit measure (L) in mm.
[2] For shop-floor packages only.

GLOBAL S | Non-contact sensors specifications

	HH-A HP-L-5.8[1]	HH-A HP-L-10.10[1][2]
[3] Probing Form Error	22 µm	8 µm
[3] Probing Size Error All	25 µm	14 µm
[3] Probing Dispersion Value	34 µm	12 µm
[3] Articulated Location Value	45 µm	24 µm
[3] Probing Location Error	42 µm	18 µm

	HH-AS8-OWT2.5 HP-OW 2.14[4]	HH-AS8-OWT2.5 HP-OW 2.61[4]
[5] Probing Form Error	2 µm	5 µm
[5] Probing Size Error	4.6 µm	4.6 µm
[5] Multiple Probing Form Error	5 µm	6 µm
[5] Multiple Probing Size Error	2 µm	2 µm
[5] Multiple Probing Location Error	5 µm	6 µm

[1] Some restrictions to workpiece size and machine configuration may apply when used on GLOBAL S 05.YY.05.
[2] Some restrictions to workpiece size and machine configuration may apply when used on GLOBAL S 07.YY.07.

[3] Probing Form Error [µm] P[Form.Sph.1x25:Tr:ODS] according to ISO 10360-8:2013.

Probing Size Error All [µm] P[Size.Sph.All:Tr:ODS] according to ISO 10360-8:2013.

Probe Dispersion Value [µm] P[Form.Sph.D95:Tr:ODS] according to ISO 10360-8:2013.

Articulated Location Value [µm] L[Dia.5×25:Art:ODS] according to ISO 10360-8:2013.

Probing Location Error [µm] L[Dia.2×25::MPS] according to ISO 10360-9:2013.
Values are including expanded measurement uncertainty according ISO/TS 17865:2016. Measured using manufacturer-supplied sphere and plane artefacts, each calibrated by an independent accredited lab.

[4] Not available on GLOBAL S 05.YY.05.

[5] Probing Form Error [µm] P[Form.Sph.1x25:Tr:ODS] according to ISO 10360-8:2013.

Probing Size Error [µm] P[Size.Sph.1x25:Tr:ODS] according to ISO 10360-8:2013.

Multiple Probing Form Error [µm] P[Form.Sph.2x25::MPS] according to ISO 10360-9:2013.

Multiple Probing Size Error [µm] P[Size.Sph.2x25:MPS] according to ISO 10360-9:2013.

Multiple Probing Location Error [µm] L[Dia.2×25::MPS] according to ISO 10360-9:2013.

GLOBAL S | Throughput and dynamics

	Max. probing frequency (with scanning probes)	Max. 3D speed	Max. 3D scceleration[8]
High Dynamics [7]	1000 point/s	860 mm/s	4300 mm/s²
Standard Dynamics			
from GLOBAL S 05.YY.05 to 09.YY.08	1000 point/s	510 mm/s	1700 mm/s²
for GLOBAL S 12.YY.10	1000 point/s	430 mm/s	1000 mm/s²

[7] Dynamics reduction may apply to meet specific customer and/or local safety requirements.
[8] Acceleration reduction may apply with pneumatic dampers configuration.

Chrome performance level Blue performance level Green performance level

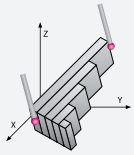
GLOBAL S | Temperature specifications

	Lab temperature	Extended temperature	Shop floor temperature
Ambient temperature	18-22°C	16-26°C	15-30°C
Max. air temperature variation	1°C/h to 2°C/24h	1°C/h to 5°C/24h	1°C/h to 5°C/24h 2°C/h to 10°C/24h [9]
Max. gradient in space	1°C/m	1°C/m	1°C/m

[9] Accuracy specifications for this temperature range are available on request.

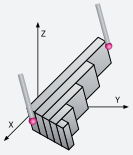
Performance verification

MPE*(E0)*: Maximum permissible error of length measurement



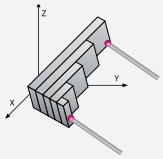
5 gauges have to be measured 3 times with one probing at each end, in 7 different directions. All measuring results must be within MPE***(E0)***.

MPL*(R0)*: Maximum permissible limit of the repeatability range



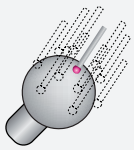
Extreme value of the repeatability range of the length measurement error, calculated by three repeated measurements on each size for a total of 35 values. The 35 repeatability range results must be within MPL***(R0)***.

MPE*(E150)*: Maximum permissible error of length measurement



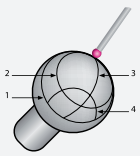
5 length gauges have to be measured 3 times in the YZ or XZ plane with opposite styli, mounted 150 mm off the Z-spindle axis. All measuring results must be within MPE***(E150)***.

MPE*(PFTU)*: Maximum permissible single stylus form error



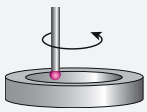
A precision sphere has to be measured with 25 probings. PFTU is the range of all radii. The range of all radii must be within MPE***(PFTU)***.

Maximum permissible scanning probing error



MPE*(THP)*/MPT(τ) : A precision sphere has to be scanned with 4 defined lines. THP is the range of all radii with the predefined path.
MPE*(THN)*/MPT(τ): A precision sphere has to be scanned with 4 defined lines. THN is the range of all radii with the non-predefined path. The range of all radii and the scanning time must be within MPE(THP/THN) and MPT(τ).

RONt (MZCI): Maximum permissible form measurement error (2D)



A ring gauge is measured in scanning mode, with high point-density. The range of radial distances from two concentric circles, enclosing the roundness profile and having the least radial separation, is then evaluated. The range of radial distances must be within RONt.

NOTE: ISO 10360-2:2009 test with maximum part weight performed as an option upon request only.

Probe heads and sensors







Technical characteristics	HP-S-X1C	HP-S-X3	HP-S-X5/X5 HD
Overtravel range	± 2 mm in all axes	± 1.25 mm in all axes	± 2 mm in all axes
Stylus joint	M3	M5	M5
Max. stylus weight	33 g	150 g	500 g / 650 g
Max. stylus length	Vertical: up to 225 mm Horizontal: up to 100 mm	360 mm	500 mm / 800 mm







Technical characteristics	HH-AS and HH-A-T5° indexable probe head	HH-AS8 and HH-A-T2.5° indexable probe head	HH-AS8-H2.5° indexable probe head
Angular rotation	A axis: +90° / -115° B axis: ±180°	A axis: ±105° B axis: ±180°	A axis: ±180° B axis: ±180°
Angular rotation step	5°	2.5°	2.5°
Max. applied torque	0.6 Nm	1.4 Nm	1.7 Nm
Max. extensions length	300 mm	450 mm	750 mm



Technical characteristics	HH-AS8-OW2.5° indexable probe head
Angular rotation	A axis: ±105° B axis: ±180°
Angular rotation step	2.5°
Max. applied torque	1.4 Nm
Max. extensions length	450 mm

Probe heads and sensors





Technical characteristics	HP-L-5.8	HP-L-10.10
Laser	Visible blue, class 2	Visible blue, class 2
Standoff and depth of FOV	140 ± 40 mm	90 ±30 mm (additional 30 mm with eFOV)
Line-width at mid-field of view	47 mm	80 mm
Ambient light immunity of sensor	5000 lx	10 000 lx
Protection against dust and water	P64 (IEC 60529) (except for warm-up connection)	IP51 (IEC 60529)
Sensor size L x W x H	116 x 62 x 86.5 mm	103 x 68 x 102 mm





Technical characteristics	HP-OW 2.14	HP-OW 2.61
Measuring range	2 mm	2 mm
Working distance	14.1 mm	61 mm
Diameter of spot	12 µm	12.5 µm
Angular acceptance	± 30°	± 15°
Maximum thickness range	3 mm	3 mm
Weight	460 g	600 g



Technical characteristics	PROFILER R
Measuring section	Max. 15 mm
Stylus radius	2 µm
Stylus elbow	90°
Sensor weight	630 g
Integrated axis	Rotating 360° Pivoting 180°
Probe head compatibility	HP-S-X5 HD

Probe head configurations

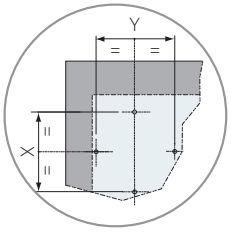


	05.YY.05	07.YY.05	07.YY.07	09.YY.08	12.YY.10
HP-S-X3	x	✓	✓	•	•
HP-S-X5	x	x	x	✓	✓
HP-S-X5 HD	x	x	x	•	•
HH-A-T 5°	•	•	•	x	•
HH-AS-T 5°	✓	•	•	•	•
HH-A-T 2.5°	•	•	•	•	•
HH-AS-T 2.5°	x	✓	✓	✓	✓
HH-AS-H 2.5°	x	x	x	•	•
HH-AS8-OWT 2.5°	x	•	•	•	•
HP-S-X3	✓	✓	✓	•	•
HP-S-X5	x	x	x	✓	✓
HP-S-X5 HD	x	x	x	•	•
HH-A-T 5°	•	•	•	x	•
HH-AS-T 5°	✓	•	•	•	•
HH-A-T 2.5°	•	•	•	•	•
HH-AS-T 2.5°	x	✓	✓	✓	✓
HH-AS-H 2.5°	x	x	x	•	•
HH-AS8-OWT 2.5°	x	•	•	•	•
HP-S-X1c	•	•	•	x	x
HP-S-X3	✓	✓	✓	✓	✓
HP-S-X5	x	x	x	x	x
HP-S-X5 HD	x	x	x	x	x
HH-A-T 5°	•	•	•	x	•
HH-AS-T 5°	✓	✓	✓	✓	✓
HH-A-T 2.5°	•	•	•	•	•
HH-AS-T 2.5°	x	•	•	•	•
HH-AS-H 2.5°	x	x	x	•	•
HH-AS8-OWT 2.5°	x	•	•	•	•

Chrome performance level Blue performance level Green performance level

✓ Recommended
• Available
x Unavailable

GLOBAL S | Technical characteristics

Mechanical frame		X: Micromachined anodised light-alloy extrusion Y: Integral dovetail guideways, machined into table Z: Micromachined anodised light-alloy extrusion		
Surface plate		Material: granite Flatness: according to DIN 876/III Part locking: threaded inserts M8 x 1.25 Diagonally staggered hole pattern: GLOBAL S 05.YY.05: X = 350 mm; Y= 150 mm GLOBAL S 07.YY.05: X = 300 mm; Y= 300 mm GLOBAL S 07.YY.07: X = 300 mm; Y= 300 mm GLOBAL S from 09.YY.08: X = 350 mm; Y= 350 mm		
Sliding system		Air bearings on all axes		
Measuring system		METALLUR® linear scales, system resolution: 0.005 µm		
Temperature compensation		Extended temperature 16 - 26 °C: Multi-sensor technology Shop floor temperature 15 - 30°C: Structural multi-sensor technology		
Ram counterbalance		Pneumatic, adjustable		
Controller		Standard or I/O ready IP5 4	Standard or I/O ready IP54	Standard IP54
Supply requirements	Power Air	100/120/220/240 V ± 10% | 50/60 Hz | 1.6 KVA 0.5 MPa minimum | Class 4 according to ISO 8573/1		
Consumption	Power Air	0.5 KVAh 70 Nl/min (for 05.YY.05) | 90 Nl/min (for all other models)	0.5 KVAh	0.35 KVAh
Operating specifications		Ambient temperature: 10-40°C Relative humidity: 20-90 % non-condensing		

GLOBAL S | Minimum door opening requirements

	Machine maximum overall dimension	
Standard size frames	**Width (mm)**	**Height (mm) [1)]**
05.05.05 - 05.07.05	1095	1490
07.07.05 - 07.10.05	1340	1475
07.10.07	1340	1655
09.12.08 - 09.15.08 - 09.20.08	1665	2065
12.15.10 - 12.22.10 - 12.30.10	1965	2305

[1)] Minimum height listed w/o the CMM stand for Global 05.YY.05 , 07.YY.05, 07.YY.07 series and w/o pedestals for the Global 09.YY.08 and12.YY.10 series.
Dimensions shown are from the highest point at the top of the CMM to the lowest point on the CMM as in shipped condition.
Dimensions shown do not include lifting equipment.
Dimensions shown are with 25 mm minimum clearance all around.

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Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

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