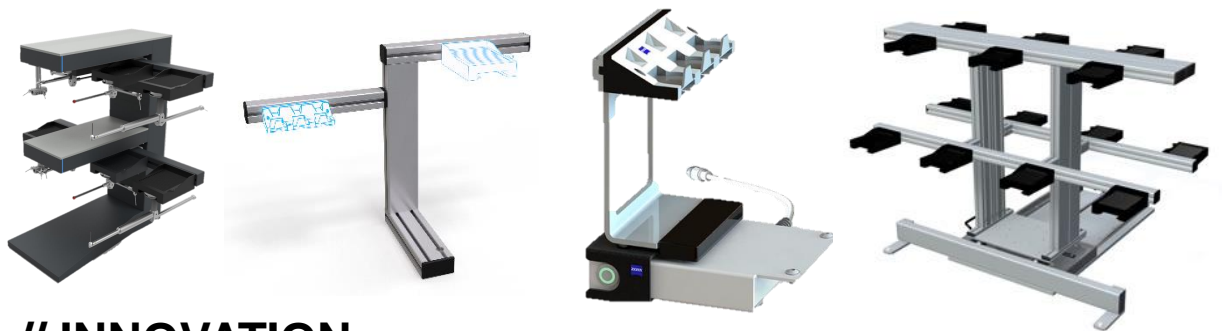
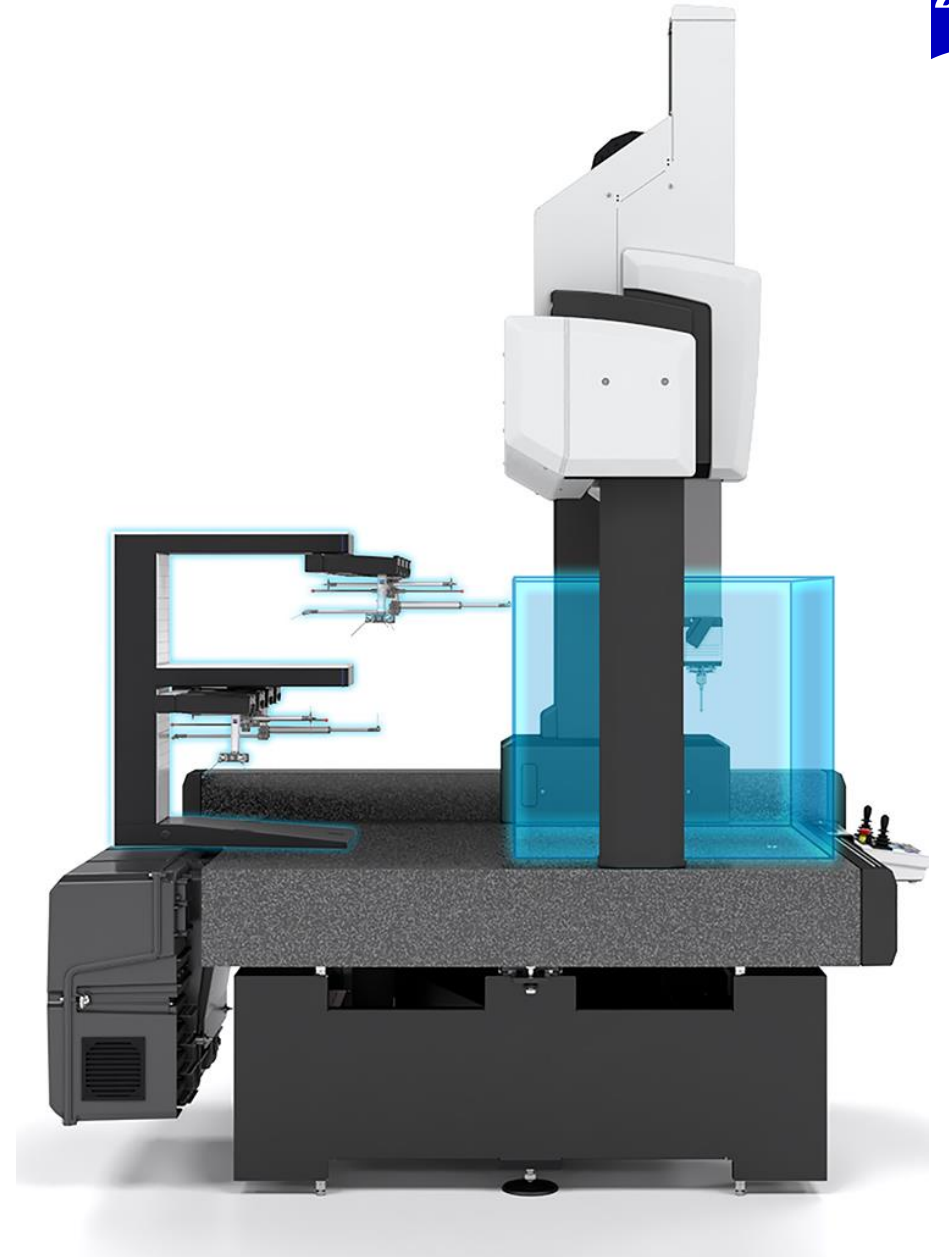


ZEISS Storage Racks

Optimized measuring range and maximum availability



// INNOVATION
MADE BY ZEISS

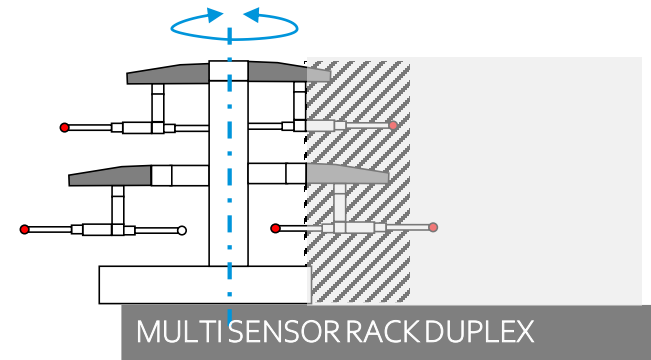
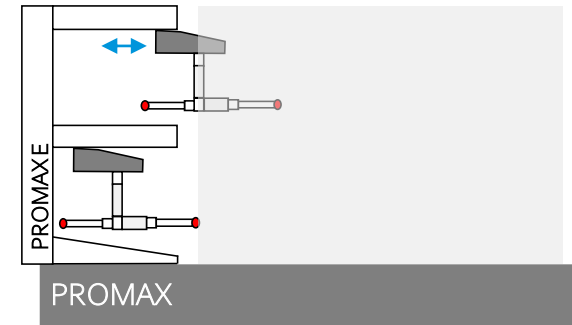
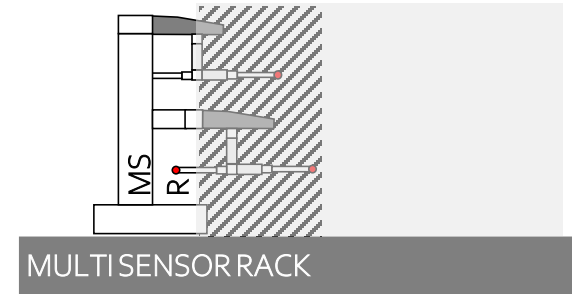


ZEISS Storage Racks

Optimized measuring range and maximum availability

The availability of a high number of stylus systems in measuring operation or the optimization of the available measuring range are among the challenges that can be solved by ZEISS storage racks. The portfolio provides [rigid](#), [automated](#) and [rotatable](#) storage racks in suitable sizes and designs [for all ZEISS CMMs](#).

- 1 Storage & provision of stylus systems for automatic stylus changing
- 2 Complex workpiece requires high number of stylus systems
- 3 Optimization of the measuring range (footprint)
- 4 Avoidance of collision



ZEISS Storage Racks

Portfolio Status Quo ProMax

1

ProMax Family

ProMax PNEUMATIC

ProMax C (CenterMax)

ProMax G (ageMax)

ProMax MICURA



Retrofit

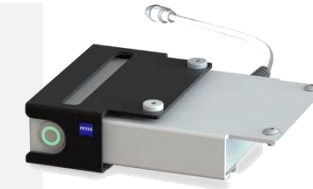
ProMax PRISMO

Retrofit NSP

ProMax ELECTRIC

ProMax OI322

Retrofit



ProMax E

*In development! – november 2021

ProMax E CONTURA 6206

New machine



ProMax E CONTURA

ProMax E PRISMO

Retrofit

ProMax Family

ProMax	Amount of levels	Amount of sockets (VAST) per level	Max amount of sockets in total
ProMax G lateral	2	4	8
ProMax G rear	1	4	7
ProMax G rear second level	1	3	
ProMax C	2	5	15
ProMax C third level	1	5	
ProMax Micura	1	4	8
ProMax Micura second level	1	4	
ProMax Prismo 5	2	4	8
ProMax Prismo 7	2	6	12
ProMax E 7/3/6 CONTURA 6206	Up to 2	5	10
ProMax E 9/3/8 CONTURA 6206	Up to 3	6	18
ProMax E 12/3/8 CONTURA 6206	Up to 3	9	27

Allocation



ZEISS Storage Racks

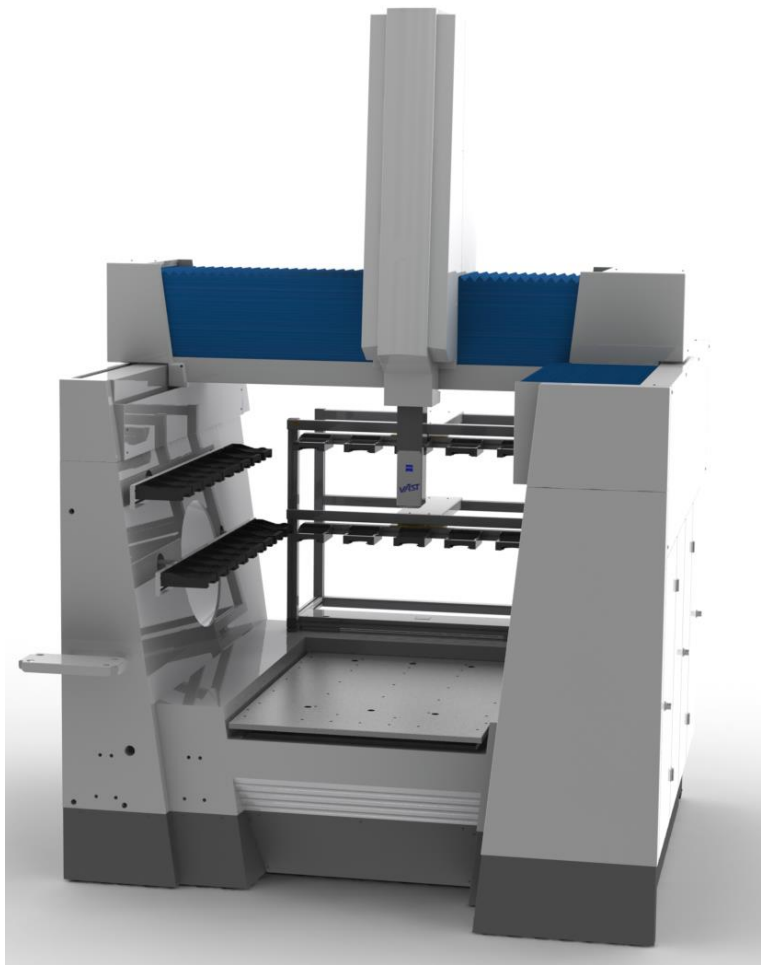


ProMax C

		Included sockets
Promax-C CenterMax stroke 200mm	626100-9510-001	10
Promax-C CenterMax stroke 400mm	626100-9510-031	10
Additional 3rd level for ProMax-C, stroke 200 mm	626100-8510-001	-
Additional 3rd level for ProMax-C, stroke 400 mm	626100-9510-036	-



Type	ProMax® -C	
stroke	200 mm	400 mm
Amount of strokes	1 per level	
Max. sockets per level	5	
Max. sockets (with 3rd level)	15	
Size [HxWxD]	840 x 1040 x 520	840 x 1040 x 716
Power supply	24V DC	
Dimensions of electrical components [HxWxD]	150 x 200 x 220	
Intended installation location of the electrical components	MCC800	



ZEISS Storage Racks

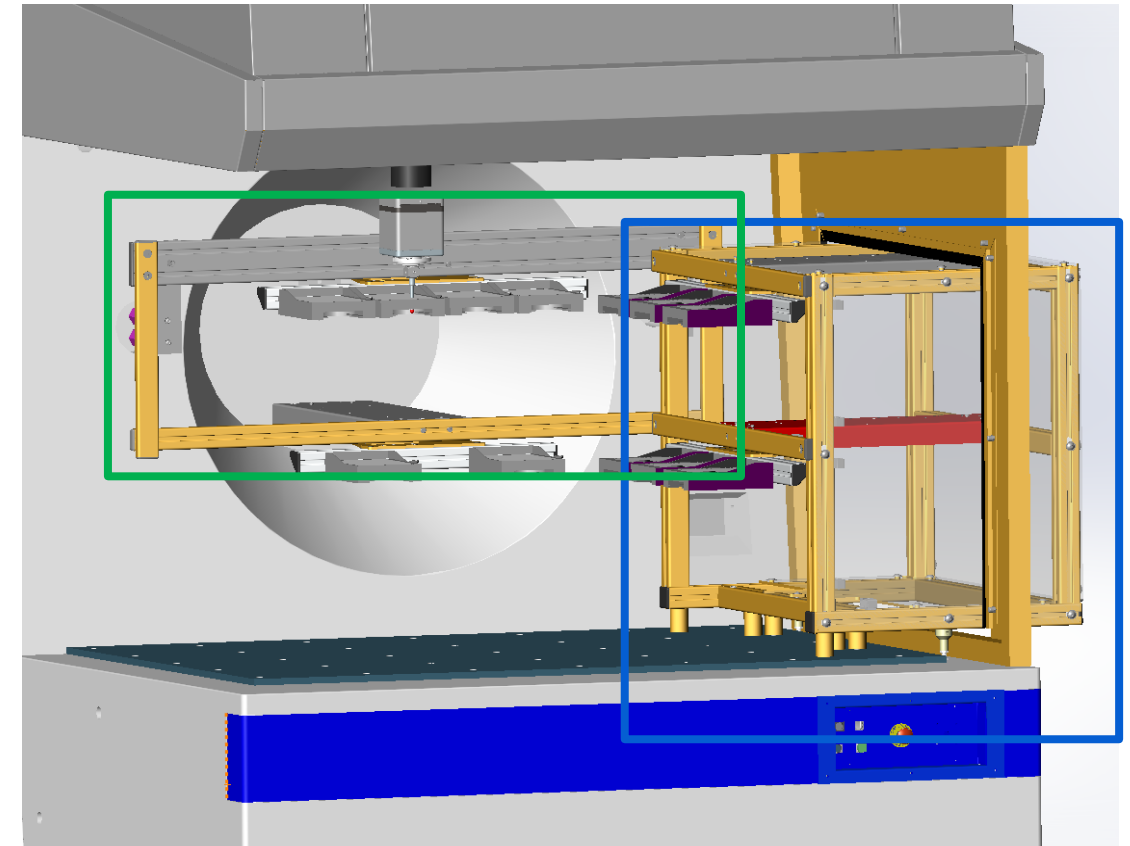


ProMax G

Included sockets

ProMax-G lateral mounting	626100-9430-001	8
ProMax-G lateral mounting TAS	626100-9430-011	8
ProMax-G, lateral mounting, closed measuring volume	626100-9420-011	8
ProMax-G rear mounting	626100-9410-001	4
ProMax-G rear mounting retrofit	626100-9420-001	-
Additional 2nd level for ProMax-G rear mounting	626100-9440-001	

Type	ProMax® -G
stroke	200 mm
Amount of strokes	1 per level
Max. sockets per level	4
Max. sockets	15
Size [HxWxD]	rear: 440 x 1108 x 534 lateral: 653 x 740 x 516
Power supply	24V DC
Dimensions of electrical components [HxWxD]	150 x 200 x 220
Intended installation location of the electrical components	MCC800



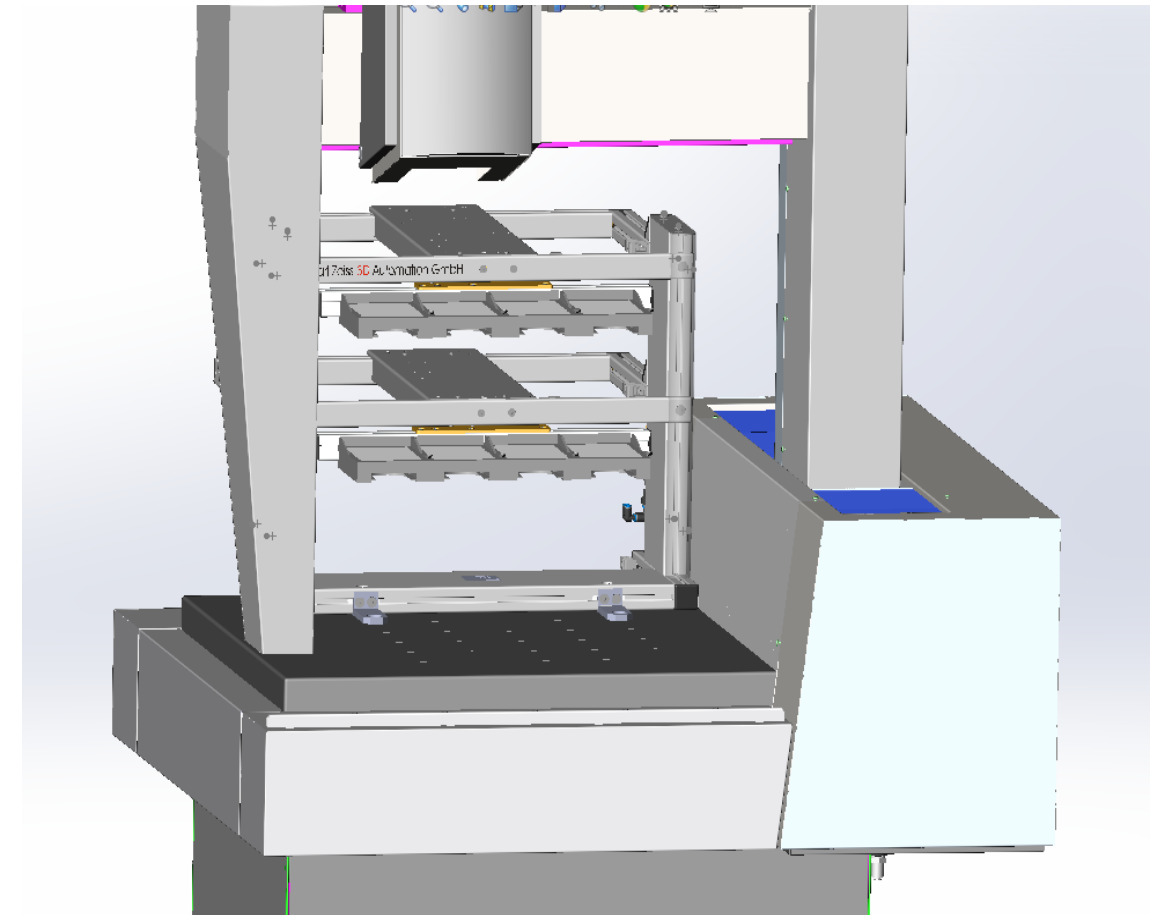
ZEISS Storage Racks



ProMax MICURA

		Included sockets
ProMax for MICURA, 1 storage level*	626100-9100-001	-
ProMax for MICURA, 2 storage levels*	626100-9100-002	-
Additional 2nd level for ProMax forMicura	626100-9100-011	-

Type	ProMax® -C/-G
stroke	200 mm
Amount of strokes	2
Max. sockets per level	4
Max. sockets	8
Size [HxWxD]	569 x 680 x 590
Power supply	24V DC
Dimensions of electrical components [HxWxD]	150 x 200 x 220
Intended installation location of the electrical components	MCC800 + additional control cabinet



*Additional control cabinet

ZEISS Storage Racks



ProMax PRISMO NSP

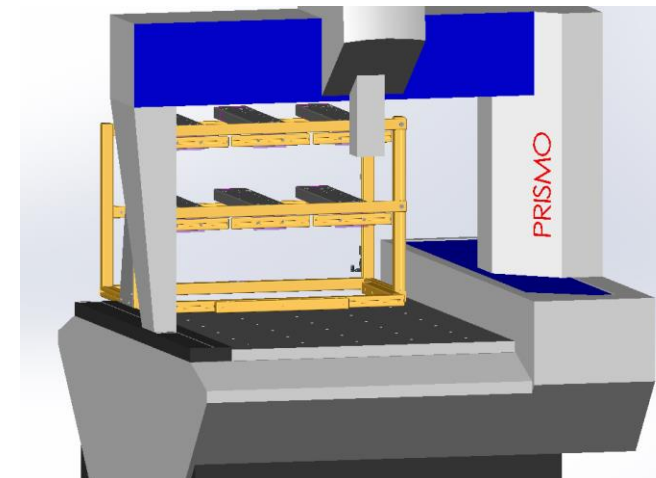
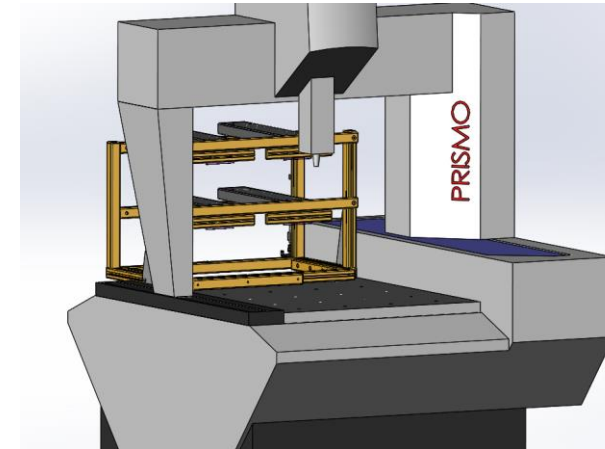
Included sockets

ProMax für PRISMO 5 / ACCURA 5 000000-1152-180 -

ProMax für PRISMO 7 / ACCURA 7 000000-1152-181 -

Type	ProMax® II PRISMO 5
stroke	300 mm
Amount of strokes	4
Max. sockets per level	2
Max. sockets	8
Size [HxWxD]	550 x 854 x 598
Power supply	24V DC
Dimensions of electrical components [HxWxD]	150 x 200 x 220
Intended installation location of the electrical components	MCC800

Type	ProMax® II PRISMO 7
stroke	300 mm
Amount of strokes	6
Max. sockets per level	2
Max. sockets	12
Size [HxWxD]	660 x 1004 x 598
Power supply	24V DC
Dimensions of electrical components [HxWxD]	150 x 200 x 220
Intended installation location of the electrical components	MCC800



ProMax PRISMO 5 and PRISMO 7 are only available through NSP

ZEISS Storage Racks

ProMax PRISMO NSP





Automatically moving sensor rack – electric drive

Full usage of measuring volume - the rigid xxt rack takes
30 % of the tactile measuring volume

No collision between the styli and the optical sensor

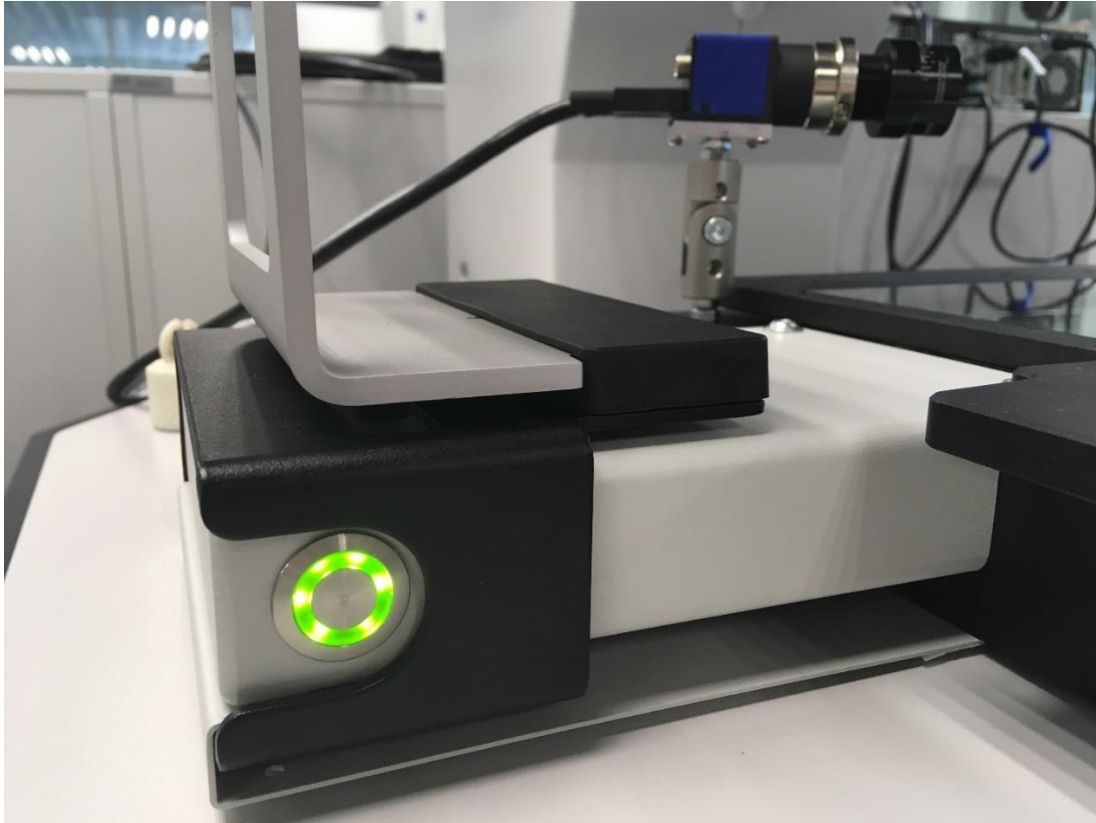
No more manual interventions through automated probe
change

ProMax drive fully integrated in Calypso

Specially designed for OI 322

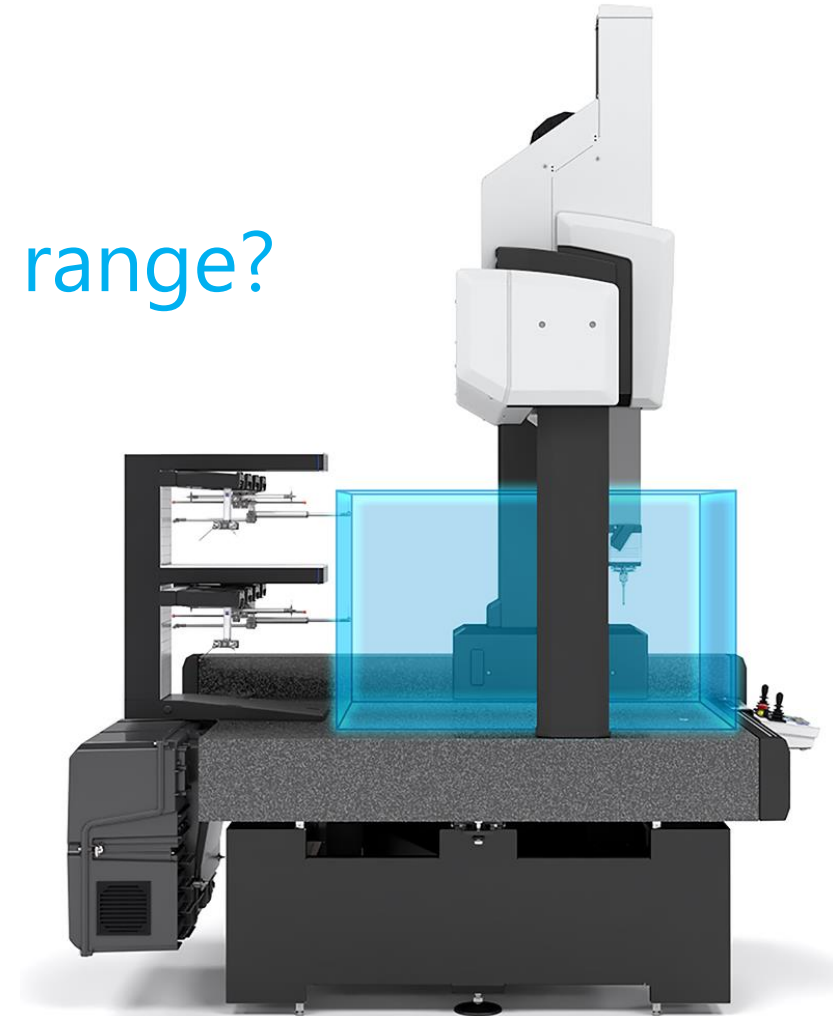
ZEISS Storage Racks

ProMax PRISMO OI₃₂₂



Small footprint or large measuring range?

take both with the ProMax E



ProMax E

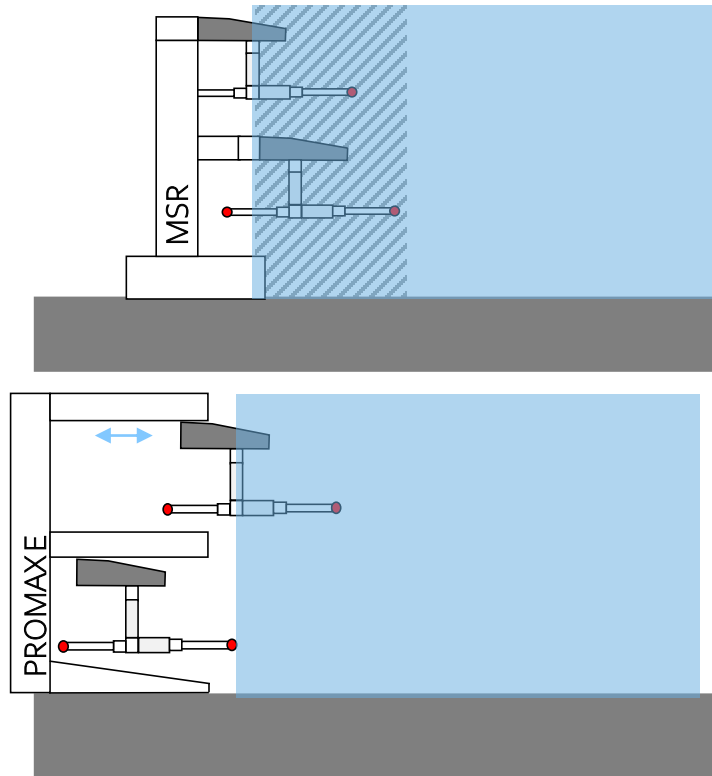


ProMax E

Updated drive, control and design

Less cost-intensive

Optimised use of space



up to 46%* more usable
measuring volume

*example taken on Contura 7/10/6 styli Y+300 mm, depends
on styli systems, size of work-piece, CMM size, granite drill
holes



Saves footprint – alternative to a
bigger machine size

New ProMax generation



Electric drive



Modular construction



Fully revised design



Developed together with new
CONTURA

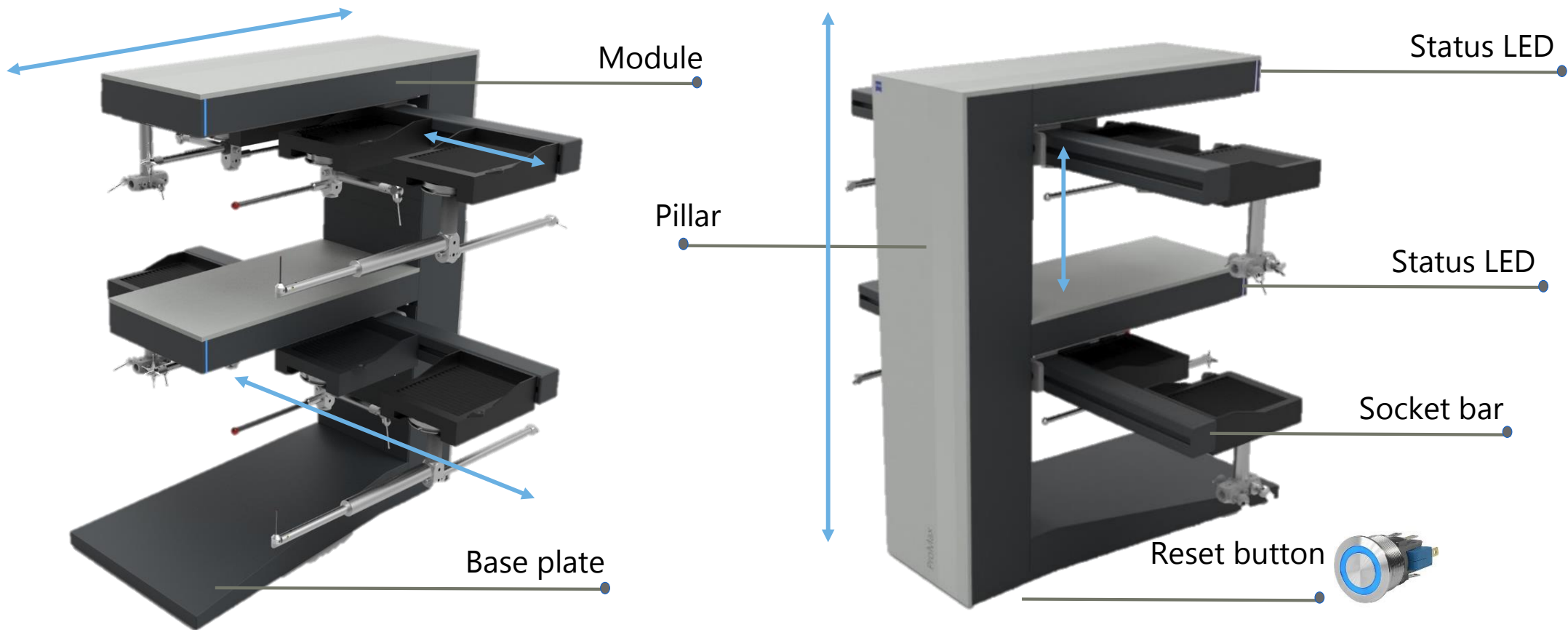


Globally valid certifications and
approvals

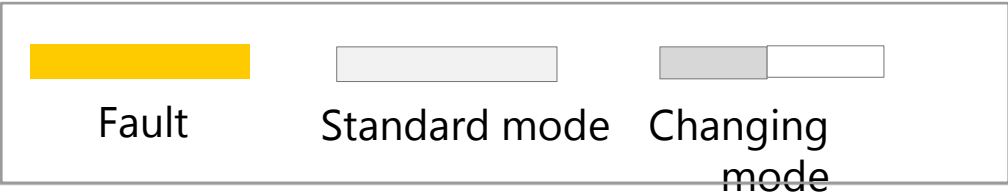


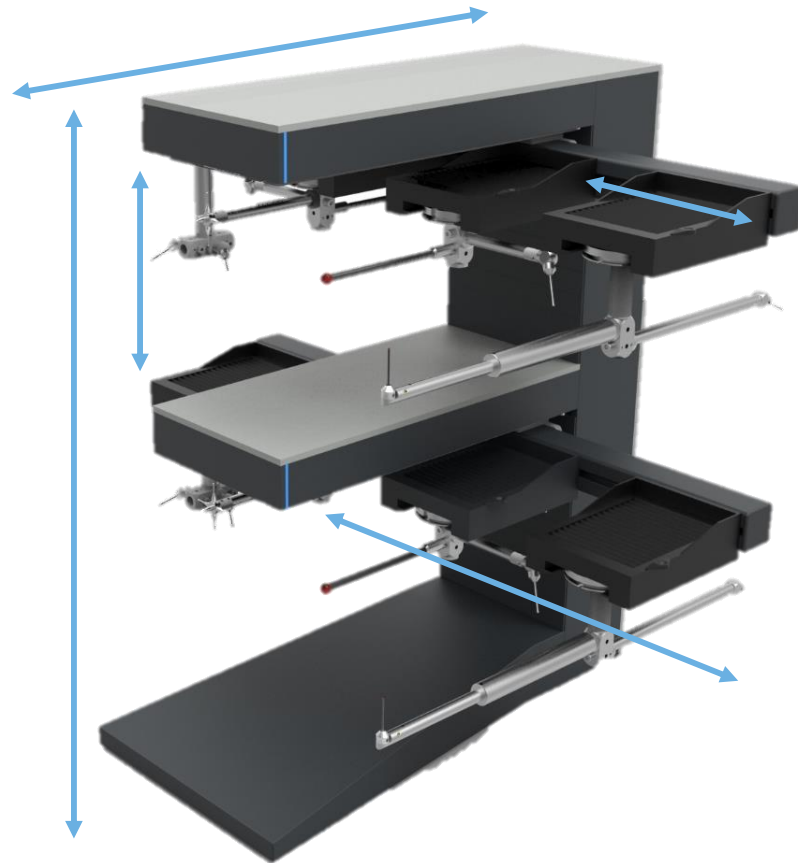
New control cPME

User- and service-friendly



Modular concept





Module stroke: 300 mm (standard)

Module height **adjustable** after installation

Up to **3 modules** possible

Modules are retrofittable

Variable socket bars available (x=700; x=900; x=1000; x=1200)

Can be used with all sensors (VAST, XXT, XTR)

Sockets can be moved on socket bar

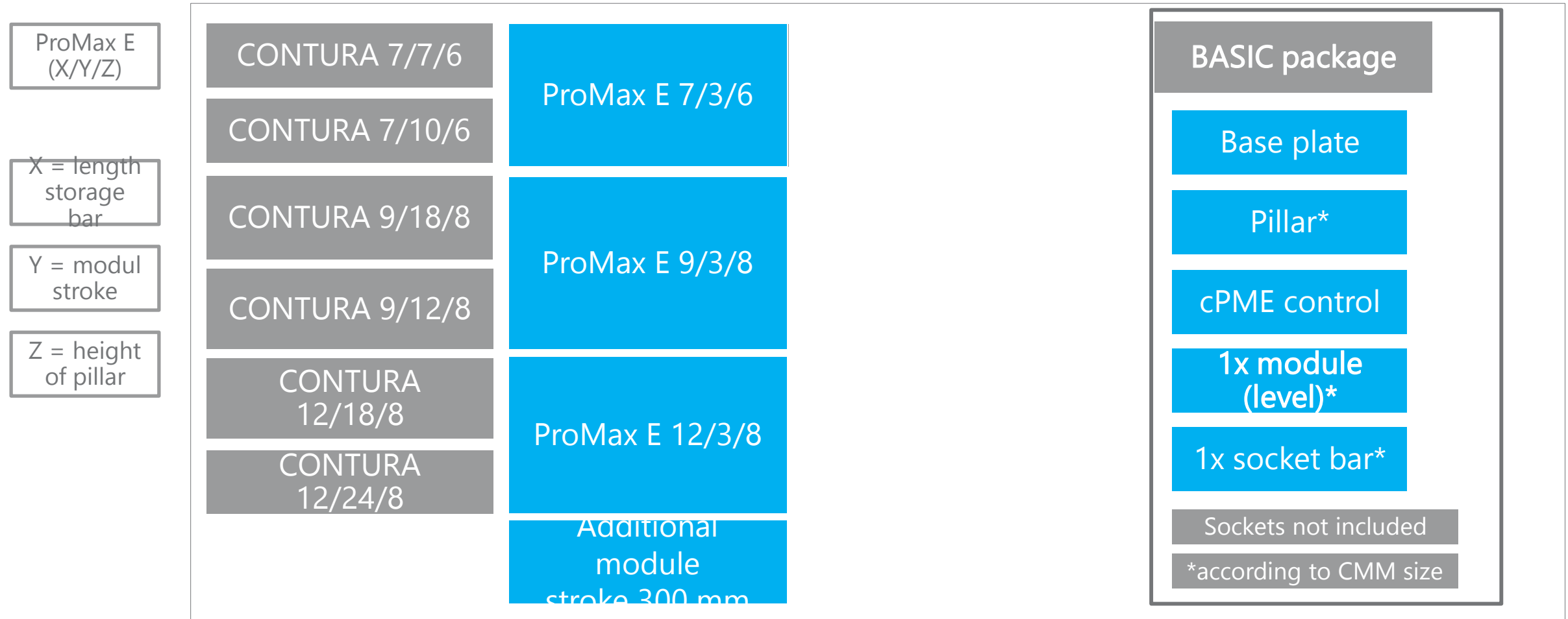
Up to **27 MT/VAST sockets** (maximum execution)

Service installation by ZEISS

Status display on individual modules for more precise error assignment

Modular concept

ProMax E



ProMax E

ProMax E (X/Y/Z)	CONTURA 7/7/6	ProMax E 7/3/6	For new device CONTURA 626100-9802-011
X = length storage bar	CONTURA 7/10/6		
Y = modul stroke	CONTURA 9/18/8	ProMax E 9/3/8	For new device CONTURA 626100-9805-011
Z = height of pillar	CONTURA 9/12/8		
	CONTURA 12/18/8	ProMax E 12/3/8	For new device CONTURA 626100-9808-011
	CONTURA 12/24/8		
		Additional module stroke 300 mm	626100-8810-000

ProMax E

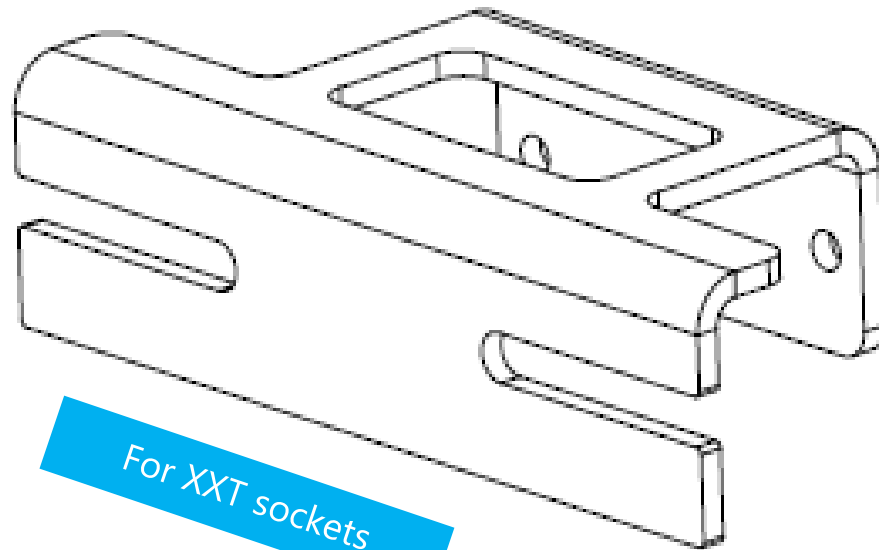
BASE

ProMax E 7/3/6 (new device)	626100-9802-011
ProMax E 9/3/8 (new device)	626100-9805-011
ProMax E 12/3/8 (new device)	626100-9808-011

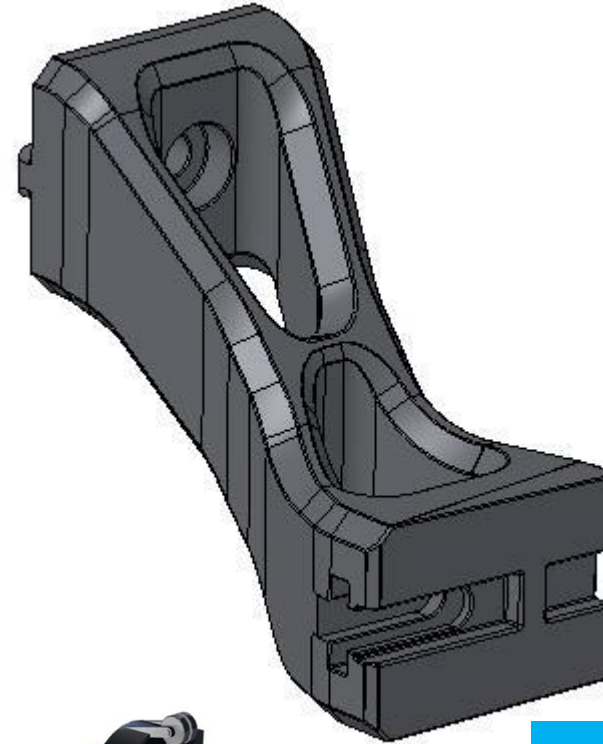
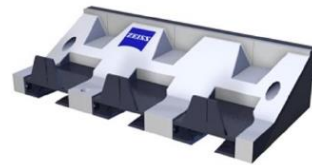
ACCESSORIES

Additional level ProMax E 300mm	626100-8810-000
Storage bar ProMax E X=700mm	626100-8812-000
Storage bar ProMax E X=900mm	626100-8813-000
Storage bar ProMax E X=1200mm	626100-8815-000
Adaption XXT socket ProMax E	620161-8510-010
Adaption RDS socket ProMax E	621770-8040-010

The Base number includes ONE level – additional levels have to be added including the appropriate storage bar (depending on CONTURA X size)



For XXT sockets



For RDS sockets

ProMax E

Question	Answer
1 When is the ProMax E available?	Price list May 2020
2 How many levels can be assembled?	<p>The Basic ProMax E (626100-9802-011, 626100-9805-011, 626100-980-011) includes ONE level.</p> <p>Up to three levels are possible.</p> <p>Each level can be added additionally (with the appropriate storage bar)</p> <p>Module ProMax E 626100-8810-000 + storage bar X</p>
3 Which sockets can be used on the ProMax E?	MT VAST, XTR, XXT (with adapter), RDS (with adapter)
4 How many sockets fit on one level (storage bar)	<p>Depends on the used stylus systems</p> <p>Assumptions (without extreme stylus configs)</p> <p>ProMax E 7/3/6: up to 5 x MT/VAST or up to 5x XTR – or up to 4x XXT</p> <p>ProMax E 9/3/8: up to 6x MT/VAST or up to 6x XTR – or up to 5x XXT</p> <p>ProMax E 12/3/8: up to 9 x MT/VAST or up to 9x XTR – or up to 7x XXT</p>
5 Which sizes are available?	The ProMax E is for each CONTURA size available (7/6 – 9/8 – 12/8)

ProMax E

Question		Answer
6	Who is responsible for the product?	Product Manager Helena Zizer
7	How works the configuration of the ProMax E?	The ProMax E is configured through the CONTURA configurator
8	How works the installation of the ProMax E?	The ProMax E will be delivered together with the CONTURA and gets installed by the ZEISS Service
9	Are the sockets moveable?	The sockets are moveable on the storage bar. Sockets have to be qualified each time after they have been moved.
10	Is the hight adjustable?	The hight of the levels is adjustable (after initial installation only through ZEISS Service)
11	Do all levels move at the same time?	No, only the level on which the change takes place is moving
12	Does the ProMax E require maintenance?	No long-term maintenance effort needed
13	Does it affect the CMM accuracy?	No

ProMax E

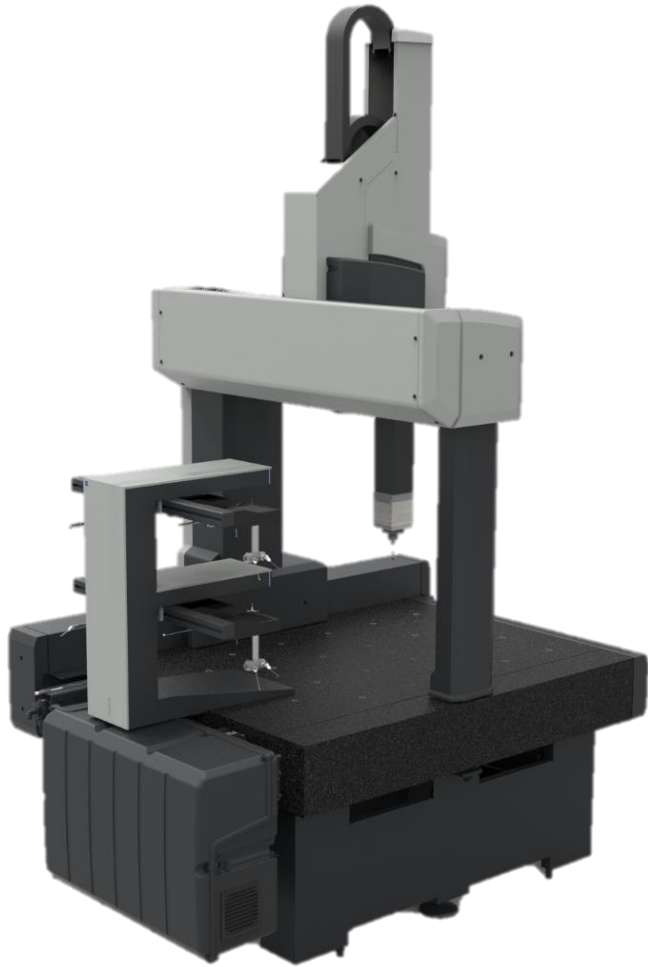
Question		Answer
14	Where is the ProMax E placed?	The ProMax E is placed outside the measuring space on the granite of the CONTURA (special drill wholes)
15	Is the ProMax E extendable?	The ProMax E can be extended to up to 3 additional levels – different storage bars are also available.
16	For which CMMs is the ProMax E available?	The new ProMax E is currently only available for the NEW CONTURA 6206. The other CMMs will be qualified sequentially.
17	Is the ProMax E retrofitable?	ProMax E is not yet released for retrofit solution (in progress)
18	Can different sockets be used on one level?	Yes
19	Where can I get further information?	Product Management (Helena Zizer) Or accessories.metrology.de@zeiss.com
20	Can sockets be added after the installation	Config files have to be adjusted, ZEISS service technicians are required

21

ZEISS Storage Racks



ProMax E



ZEISS Storage Racks



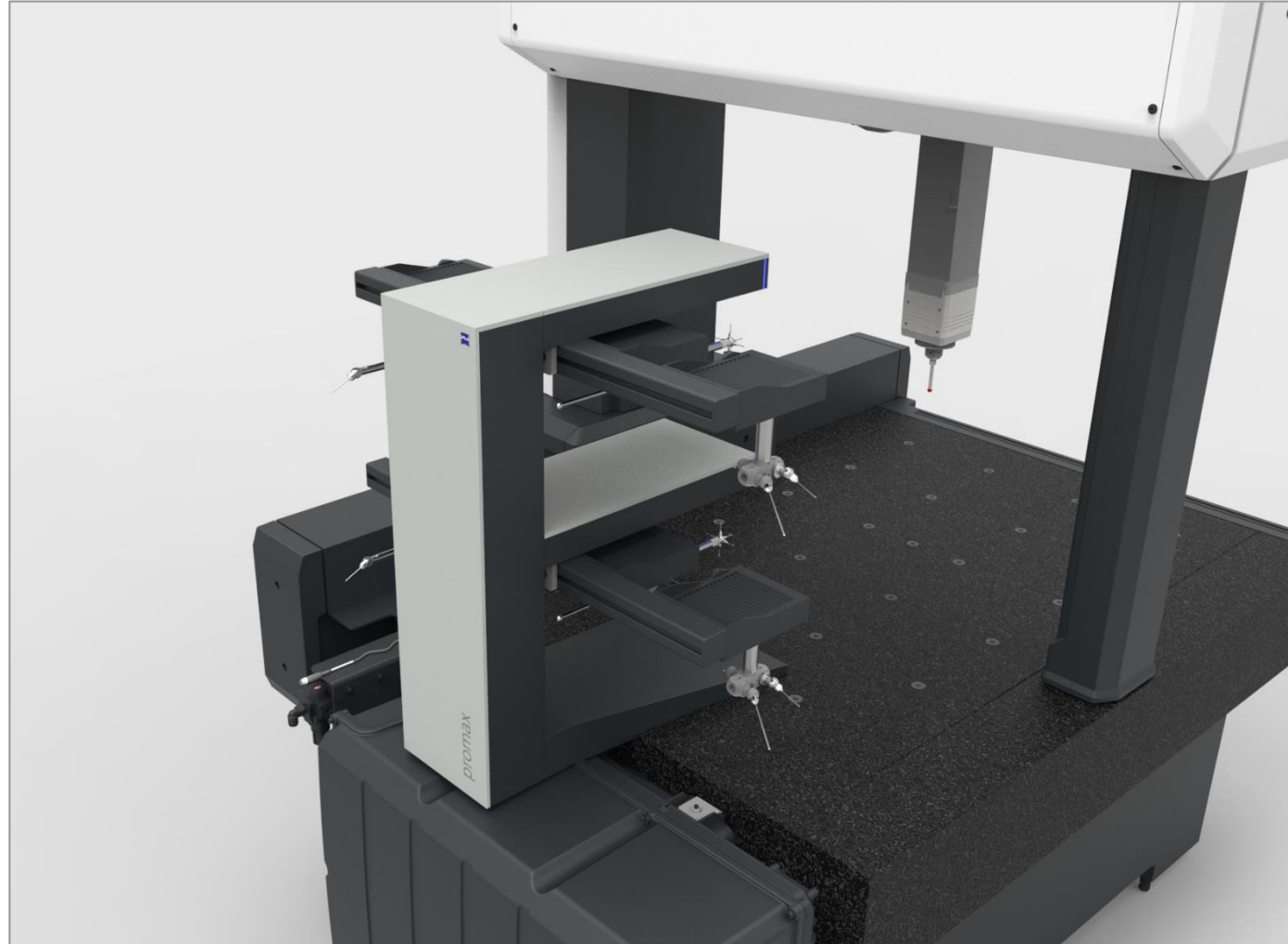
ProMax E



ZEISS Storage Racks



ProMax E



SUMMARY



ProMax E available as new equipment for CONTURA 6206

ProMax E Retrofit for PRISMO and CONTURA (older generations) in progress -> Retrofit packages due date november 2021

ProMax OI322 available for AfterSales

ProMax G remains available for AfterSales

ProMax C remains available for AfterSales

ProMax Micura remains available for AfterSales

ProMax PRISMO pneumatic only available through NSP process



ZEISS Storage Racks

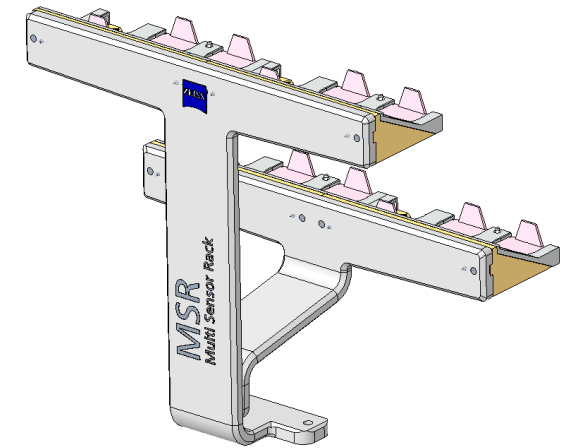
Portfolio Outlook

2

Outlook



- Z600 und Z800 for CONTURA und SPECTRUM
- Price range MSR MINI
- Enabler for digital accessories
- Future extension on all cmm sizes planned



MSR OI863

Two of these racks provide up to 24 stylus systems on a OI863



Seeing beyond