

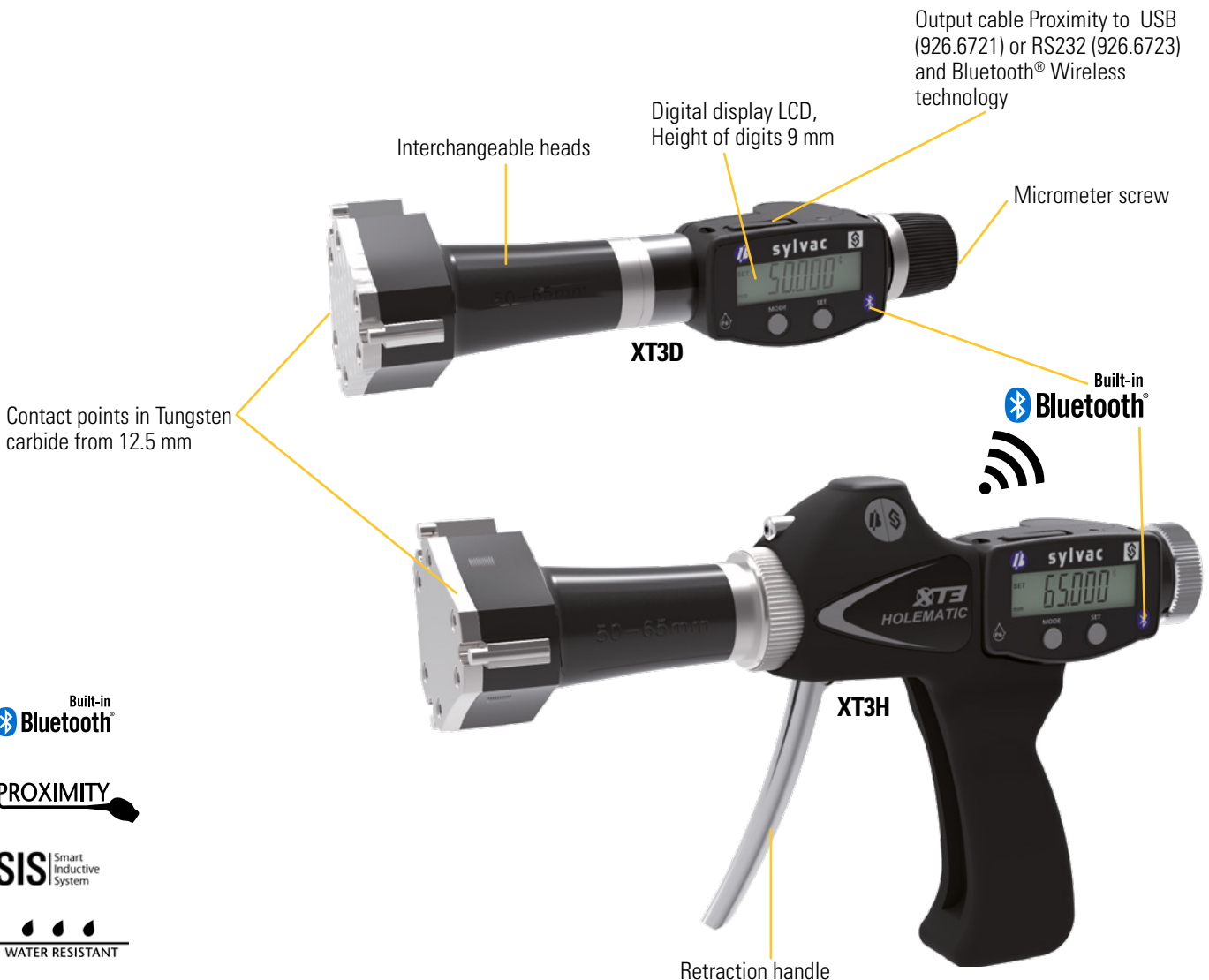
# Bore gauges

# Xtreme 3

## DESCRIPTION

SMART

- Instruments covering a large measuring range (2 - 300 mm)
- Blind bore measurement from 2 to 6 mm and from 12.5 mm
- Interchangeable measuring heads
- UKAS certificate included with all rings
- UKAS certificate included with each instrument
- Manufactured according to DIN863
- Memorization of 4 ring gauges values
- Water and coolant resistant, protection rating IP67 according to IEC 60529
- Programmable by PC
- S\_Connect Proximity



Built-in Bluetooth®

PROXIMITY

SIS Smart Inductive System

WATER RESISTANT

IP67


\* Up to 8 instruments connected per dongle #981.7100  
More informations on How to use Bluetooth® leaflet SYL\_1401\_EN\_BT


# Bore gauges


# Xtreme 3

## TECHNICAL SPECIFICATIONS INDIVIDUAL INSTRUMENTS XT3D

SMART

XT3D 	950.6006	950.6007	950.6008	950.6009	950.6010	950.6011	950.6012	950.6013
Meas. range mm	2-2.5	2.5-3	3-4	4-5	5-6	6-8	8-10	10-12.5
Type	XT3D BT 1M	XT3D BT 2M	XT3D BT 3M	XT3D BT 4M	XT3D BT 5M	XT3D BT 6M	XT3D BT 8M	XT3D BT 10M
Depth mm	9	9	12	18	18	58	58	58
Max. Error $\mu\text{m}$	4	4	4	4	4	4	4	4
$\emptyset$ Incl. ring mm	2.5	2.5	4.0	4.0	5.0	8.0	8.0	12.5

XT3D 	950.6014	950.6015	950.6016	950.6017	950.6018	950.6019	950.6020	950.6021
Meas. range mm	12.5-16	16-20	20-25	25-35	35-50	50-65	65-80	80-100
Type	XT3D BT 12M	XT3D BT 16M	XT3D BT 20M	XT3D BT 25M	XT3D BT 35M	XT3D BT 50M	XT3D BT 65M	XT3D BT 80M
Depth mm	62	62	66	66	80	80	80	100
Max. Error $\mu\text{m}$	4	4	4	4	4	5	5	5
$\emptyset$ Incl. ring mm	12.5	20.0	20.0	35.0	35.0	65.0	65.0	80.0

XT3D 	950.6022	950.6023	950.6024	950.6025	950.6026	950.6027	950.6028	950.6029
Meas. range mm	100-125	125-150	150-175	175-200	200-225	225-250	250-275	275-300
Type	XT3D BT 100M	XT3D BT 125M	XT3D BT 150M	XT3D BT 175M	XT3D BT 200M	XT3D BT 225M	XT3D BT 250M	XT3D BT 275M
Depth mm	115	115	115	115	118	118	118	118
Max. Error $\mu\text{m}$	6	6	7	7	8	8	9	9
$\emptyset$ Incl. ring mm	125.0	125.0	175.0	175.0	225.0	225.0	275.0	275.0





# Bore gauges


# Xtreme 3

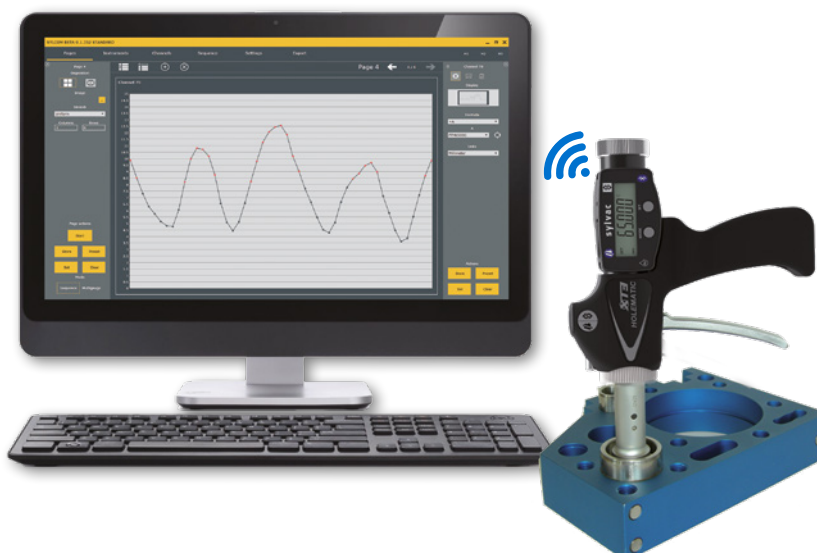
## TECHNICAL SPECIFICATIONS INDIVIDUAL INSTRUMENTS XT3H

SMART

XT3H 	954.6006	954.6007	954.6008	954.6009	954.6010	954.6011	954.6012	954.6013
Meas. range mm	2-2.5	2.5-3	3-4	4-5	5-6	6-8	8-10	10-12.5
Type	XT3H BT 1M	XT3H BT 2M	XT3H BT 3M	XT3H BT 4M	XT3H BT 5M	XT3H BT 6M	XT3H BT 8M	XT3H BT 10M
Depth	9	9	12	18	18	58	58	58
Max. Error $\mu\text{m}$	4	4	4	4	4	4	4	4
$\emptyset$ Incl. ring mm	2.5	2.5	4.0	4.0	5.0	8.0	8.0	12.5

XT3H 	954.6014	954.6015	954.6016	954.6017	954.6018	954.6019	954.6020	954.6021
Meas. range mm	12.5-16	16-20	20-25	25-35	35-50	50-65	65-80	80-100
Type	XT3H BT 12M	XT3H BT 16M	XT3H BT 20M	XT3H BT 25M	XT3H BT 35M	XT3H BT 50M	XT3H BT 65M	XT3H BT 80M
Depth	62	62	66	66	80	80	80	85
Max. Error $\mu\text{m}$	4	4	4	4	4	5	5	5
$\emptyset$ Incl. ring mm	12.5	20.0	20.0	35.0	35.0	65.0	65.0	80.0

XT3H 	954.6022	954.6023	954.6024	954.6025	954.6026	954.6027	954.6028	954.6029
Meas. range mm	100-125	125-150	150-175	175-200	200-225	225-250	250-275	275-300
Type	XT3H BT 100M	XT3H BT 125M	XT3H BT 150M	XT3H BT 175M	XT3H BT 200M	XT3H BT 225M	XT3H BT 250M	XT3H BT 275M
Depth	100	100	100	100	100	103	103	103
Max. Error $\mu\text{m}$	6	6	7	7	8	8	9	9
$\emptyset$ Incl. ring mm	125.0	125.0	175.0	175.0	225.0	225.0	275.0	275.0



# Bore gauges

# Xtreme 3


## BASIC INSTRUMENT XT3D AND XT3H INDIVIDUAL


SMART

- Instrument according to technical specifications
- Wooden box (XT3D : from 150 mm = 2 box; XT3H : from 200 mm = 2 box) <sup>1)</sup>
- Rings according to technical specifications + UKAS certificate
- 1 x digital display XT3DU or XT3PG
- Lithium battery CR2032 included
- Instruction manual
- Calibration certificate

<sup>1)</sup> Fumigated compatible ISPM 15 and NIMP 15

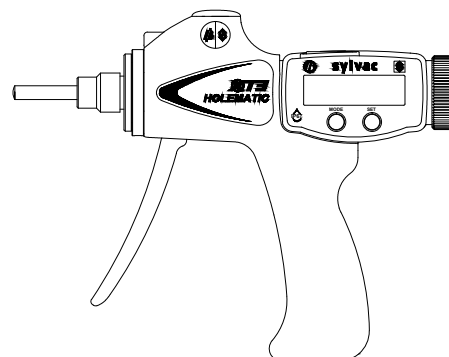
## TECHNICAL SPECIFICATIONS ELECTRONIC UNITS XT3DU AND XT3PG

XT3DU 	951.6001	951.6002	951.6003	951.6004	951.6005	951.6006	951.6007
Meas. range mm	2-6	6-10	10-20	20-50	50-100	100-300	200-300
Type	XT3DU BT 2M	XT3DU BT 6M	XT3DU BT 10M	XT3DU BT 20M	XT3DU BT 50M	XT3DU BT 100M	XT3DU BT 200M
Thread	1/4"x 40 TPI	M5 x 0.5	5/16"x 40 TPI	5/8"x 24 TPI	5/8"x 24 TPI	5/8"x 24 TPI	5/8"x 24 TPI

XT3PG 	955.6001	955.6002	955.6003	955.6004
Meas. range mm	2-6	6-20	20-100	100-300
Type	XT3PG BT 01M	XT3PG BT 02M	XT3PG BT 03M	XT3PG BT 04M
Thread	1/4"x 40 TPI	5/16"x 40 TPI	5/8"x 24 TPI	5/8"x 24 TPI



XT3DU



XT3PG

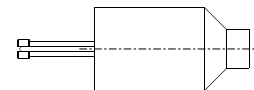
# Bore gauges

# Xtreme 3

## TECHNICAL SPECIFICATIONS MEASURING HEADS XTHD

SMART

	953.2496	953.2497	953.2498	953.2499	953.2500
Meas. range mm	2-2.5	2.5-3	3-4	4-5	5-6
Type	XTHD1	XTHD2	XTHD3	XTHD4	XTHD5
Execution	2 points / ST	2 points / ST	2 points / ST	2 points / ST	2 points / ST



2 points head

	953.2501	953.2502	953.2503	953.2504	953.2505
Meas. range mm	6-8	8-10	10-12.5	12.5-16	16-20
Type	XTHD6	XTHD8	XTHD10	XTHD12.5	XTHD16
Execution	3 points / ST	3 points / ST	3 points / ST	3 points / TC	3 points / TC

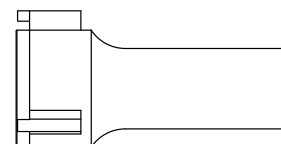
	953.2506	953.2507	953.2508	953.2509	953.2510
Meas. range mm	20-25	25-35	35-50	50-65	65-80
Type	XTHD20	XTHD25	XTHD35	XTHD50	XTHD65
Execution	3 points / TC	3 points / TC	3 points / TC	3 points / TC	3 points / TC

	953.2511	953.2512	953.2513	953.2514	953.2515
Meas. range mm	80-100	100-125	125-150	150-175	175-200
Type	XTHD80	XTHD100	XTHD125	XTHD150	XTHD175
Execution	3 points / TC	3 points / TC	3 points / TC	3 points / TC	3 points / TC

	953.2516	953.2517	953.2518	953.2519
Meas. range mm	200-225	225-250	250-275	275-300
Type	XTHD200	XTHD225	XTHD250	XTHD275
Execution	3 points / TC	3 points / TC	3 points / TC	3 points / TC

ST = steel  
TC = tungsten carbide

All heads are compatible with the XT3D and XT3H systems.



3 points head

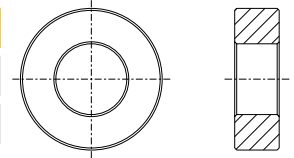
# Bore gauges

# Xtreme 3

## TECHNICAL SPECIFICATIONS SETTING RINGS XTR

SMART

		953.2598	953.2599	953.2600	953.2601	953.2602	953.2603
Size	mm	2.5	4	5	8	12.5	20
Type		XTR2.5	XTR4	XTR5	XTR8	XTR12.5	XTR20



		953.2604	953.2605	953.2606	953.2607	953.2608	953.2609	953.2610
Size	mm	35	65	80	125	175	225	275
Type		XTR35	XTR65	XTR80	XTR125	XTR175	XTR225	XTR275

## TECHNICAL SPECIFICATIONS EXTENSIONS SX

		953.2001	953.2002	953.2003	953.2004	953.2005
Meas. range	mm	6-10	10-12.5	12.5-20	20-50	50-300
Type		SX200	SX400	SX500	SX1	SX4
Length	mm	63	76	100	150	150



Other accessories

		953.2010	953.2011
Description		Stand	Depth stop
Meas. range	mm	2-50	2-6

## APPLICATIONS



Pistol measuring system



Measuring with ratchet XTD system



Measuring with pistol XTH system

# Bore gauges

# Xtreme SETS

## DESCRIPTION

SMART

- **Instruments sets** covering a large measuring range (2 - 200 mm)
- **Integrated *Bluetooth*<sup>®</sup> technology and Proximity**
- Blind bore measurement from 2 to 6 mm and from 12.5 mm
- Interchangeable measuring heads
- UKAS certificate included with all rings
- UKAS certificate included with each instrument
- Manufactured according to DIN863
- Memorization of 4 ring gauges values
- Water and coolant resistant, protection rating IP67 according to IEC 60529
- Programmable by PC



951.6105

Output cable Proximity to USB (926.6721) or RS232 (926.6723) and Bluetooth<sup>®</sup> Wireless technology

Electronic unit



955.6105

Ring

Head



\* Up to 8 instruments connected per dongle #981.7100  
More informations on How to use Bluetooth<sup>®</sup> leaflet SYL\_1401\_EN\_BT





# Bore gauges


# Xtreme SETS


## TECHNICAL SPECIFICATIONS INSTRUMENTS SETS

SMART

<b>Sets XT3D</b> 	<b>951.6102</b>	<b>951.6103</b>	<b>951.6104</b>	<b>951.6105</b>
Meas. range mm	2-6	6-10	10-20	20-50
Type	SXT3D 1M BT	SXT3D 3M BT	SXT3D 4M BT	SXT3D 5M BT
Number of heads	5	2	3	3
Numb. of rings	3	1	2	2
Meas. Force	8N	7N	15N	21N

<b>Sets XT3D</b> 	<b>951.6106</b>	<b>951.6107</b>	<b>951.6108</b>	<b>951.6109</b>
Meas. range mm	50-100	100-150	150-200	100-200
Type	SXT3D 6M BT	SXT3D 7M BT	SXT3D 8M BT	SXT3D 9M BT
Number of heads	3	2	2	4
Numb. of rings	2	1	1	2
Meas. Force	28N	32N	32N	32N

<b>Sets XT3H</b> 	<b>955.6102</b>	<b>955.6103</b>	<b>955.6104</b>	<b>955.6105</b>	<b>955.6106</b>
Meas. range mm	2-6	6-10	10-20	20-50	50-100
Type	SXT3H 1M BT	SXT3H 3M BT	SXT3H 4M BT	SXT3H 5M BT	SXT3H 6M BT
Number of heads	5	2	3	3	3
Numb. of rings	3	1	2	2	2
Meas. Force	4N	9N	9N	19N	19N

<b>Sets XT3H</b> 	<b>955.6107</b>	<b>955.6108</b>	<b>955.6114</b>	<b>955.6115</b>	<b>955.6116</b>
Meas. range mm	100-150	150-200	6-20	20-100	100-200
Type	SXT3H 7M BT	SXT3H 8M BT	SXTH10 BM BT	SXTH11 BM BT	SXT3H 9M BT
Number of heads	2	2	5	6	4
Numb. of rings	1	1	3	4	2
Meas. Force	22N	22N	9N	19N	22N

F