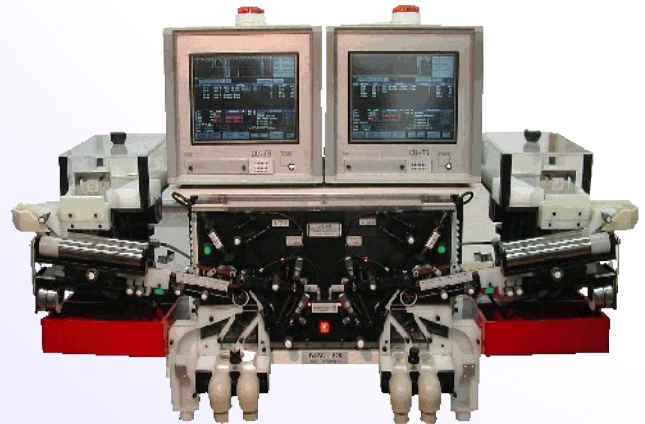


# Central Unit CU-TS



Our CU-TS (Central Unit with Touch Screen) constitutes a new generation of electronics for Ball Scanners. The basic idea was to produce a new operating and defectometric system, retrospectively compatible with the original series of machines – and their mechanical parts. The new unit CU-TS offers possibilities for easy setting with the help of a general menu or with the help of „fast select“, and the possibility of connecting up a printer to the BASC and thus the printing of operation reports. As a pleasant innovation we also offer a graphical scan evaluation during the monitoring process directly on the LCD display.



Ball Scanner with two CU-TS

## Description of Design and Function:

0x40	METHODS	SENS	PARAMETERS	RESULTS	MAX
	ECT1	100%	120mm, 26.9dB, 375kHz, 1.0mm	ECT1	---
	ECT2	100%	30mm, 27.5dB, 375kHz, 1.0mm	ECT2	---
	EUT	100%	0dB	EUT	---
	ECT1n	100%	375kHz, 1.0mm	ECT1n	---
	ECT2n	OFF		ECT2n	---

ALL	OK	ECT	ECT	STOP AFTER OK	DIAM	SPH. R.	SPEED	HISTORY	ECT HS	EDT TS	MORN-OUT
0	0	0	0		14.287mm	7 μ	3.50m/s	○	○		SPHEROCONE ROLLER OFF
								○			SUPPORT BEARING OFF
								○			DRIVE DISC OFF
								○			Lifetime(User Def'd) OFF
								○			Lifetime(User Def'd) OFF

\*\*\* READY \*\*\*  
BASC 1014 AS 08.01-06.05

MOTOR START TEST ONE DMB DMBY OPTIONS GTR

The main screen area – **Graphical Displays and operating the scanner with them** (red area)

The main screen area **State of selected DMB** - DMB = DefectoMetricBoard (green area)

The main screen area **Current state of the scanner and its operating commands** (blue area)

Operating fields of the Central Unit CU-TS

of any button is accompanied by an acoustic signal and the software ensures that no undesired repeat of commands can happen. The modern design concept reflects the ergonomic demands of the present day.

The CU-TS is the compact electronics system integrated into the plastic system control box. There is a front panel with LCD display and the touch panel forms the central element of the CU-TS. After the removal of the USB socket cover it is possible to connect up the CU-TS to other equipment with the help of the standard USB connector system. All connecting ports (connectors) and the expansion slots for the defectometric system for the insertion of max. 4 DMB boards are situated on the rear side of the CU-TS. On the rear side there are also the main power switch, mains connection cable, cooler and the main ventilator fan. Operating the machine by the touch screen eliminates possible wear of mechanical push-buttons and simultaneously permits an easy adaptation of operating needs. Links with other machines and changes to operating patterns are possible by a simple change of software. The touch



## Order numbers:

The order numbers for the up-grade of a Ball Scanner with the old electronic defectometric system (contained in Main Housing of Electronics) to a Ball Scanner with CU-TS.

Ball Scanner Type number	Order number		
	Up-grade CU-TS*	Up-grade CTR**	Up-grade EVT**
BS 0203	B 077 925	B 077 004	B 077 012
BASC 0306	B 075 925	B 075 004	B 075 012
BASC 0610	B 074 925	B 074 004	B 074 012
BASC 1014	B 073 925	B 073 004	B 073 012
BASC 1418	B 072 925	B 072 004	B 072 012
BASC 1825	B 071 925	B 071 004	B 071 012
BS 2542	B 069 925		B 069 012
BSC 4070	B 150 925		

For ordering details please contact the producer.

\* Order numbers in the column Up-grade CU-TS contain the Up-grade for one Ball Scanner. In the case of the types BS, BASC the up-grade is for two monitoring points, in the case of the type BSC for one monitoring point only.

An Up-grade CU-TS contains in addition to the up-grade of the central control units to Up-grade CU-TS all necessary cabling and mechanical parts as well.

\*\* It is possible to make up-grade to CU-TS control without other modifications on machines which already have CTR and EVT. If you want to order the up-grade for a machine which is not already equipped with CTR and EVT, please order according to the table and then retro-fit CTR and EVT, too.

An up-grade is not possible for machines of type D.

