tuners for your instrument tuning tasks



TLA Tuning Sets enjoy increasing popularity with organ manufacturers, piano tuners, musicians, owners of historical instruments, music dealers, repair shops and professionals in the music industry.

In ranges difficult to capture by hearing and where other tuning devices no longer produce results, TLA Tuning Sets still provide a stable indication. This allows you to work efficiently and stress-free.

With the high-resolution strobe display, you create tunings of the highest precision and can detect frequency deviations of up to 1/100 Hertz.

High-precision target frequency creation, practice-oriented tuning functions, concise menu control and compact dimensions make the devices your indispensable helpers for tuning instruments.

By using the latest microprocessor technology, we could improve our sophisticated tuners.

tuning sets for professional demands

	CTS-5-CA	CTS-7-C	CTS-7-CE	CTS-32-C
				
	The classic	**The memory artist**	**The memory artist with PC knowledge**	**The master class**
	Smaller, lighter and more precise. Nevertheless, this inexpensive tuner has all the qualities of a professional tool.	*with a range of 9.5 octaves.*	*as CTS-7-C, but with USB PC-Interface, input for thermosensor and active box connector for the audible tone.*	*We have put the most recent solutions offered by modern technology into this device, with the aim of giving you the support needed to obtain optimum results for your tuning tasks.*
Tuning range	8 octaves	more then 9,5 octaves		
Frequency range	27.5...7000Hz	20... 14000 Hz		20... 15000 Hz
Accuracy	0,1 Cent (1/1000 semitone step)			
Strobe display	●	●	●	●
Bar graph indication	●	●	●	●
Adjustment of bar graph resolution	-	-	-	●
Input level indication	-	-	-	●
Cent adjustment	± 100 cent			± 150.0 cent
Cent resolution	0.1 cent			
Concert pitch range / resolution	380...480 Hz / 0,1 Hz	220...880 Hz / 0,01 Hz		
Adjustment of microphone amplification	2 steps			8 steps or automatic
Adjustment of beats	-	-	-	●
Adjustment of partials	-	1…8		1…16
Adjustment of purely tuned intervals	-	●	●	●
Volume of audible tone	2 steps			6 steps
Jack for audible tone via active box	-	-	●	●
Jack for external microphone	DIN Plug 3.5 mm			
Illuminated LC-Display	16 x 2 char			40 x 2 char
Language on LC-Display	English, German, French, Italien			
Memory for instrument programs	1	59		99
Memory for historical temperaments	1	29		
Producing piano stretchings by analysis of partial tones (Pianyzer)	●	●	●	●
Instrument tunings fixed stored (instrumentenprograms)	4 piano tunings	Normal Tuning, 3 Piano Tunings, Harpsichord, Organ, Recorder, Accordion, Historical, Guitar.		
Permanently stored historical temperaments (see www.tuning-set.de)	70			
PC – Interface	-	-	USB	USB
Thermosensor input	-	-	●	●
Cent true value indication	-	-	-	●
Frequency true value indication (Hz)	-	-	-	●
Beats true value indication (Hz)	-	-	-	●
Indication of pipe correction value (mm)	-	-	-	●
16-th semitone step true value indication	-	-	-	●
Indication of target frequency (Hz)	-	-	-	●
Micro-Tone-Steps (microtonal tunings)	-	-	-	●
Power supply	Accumulator + charger, 14 hours to recharge, 14 hours operation with one charge (4 x Mignon NiMh battery 1,2 Volt / 2500 mAh included)			
Mains-Adaptor / charger	7.5 Volt 600 mA DC regulated			
Dimensions and weight	125x97x45mm/340g	125 x 97 x 50 mm / ca 350g	125 x 97 x 50 mm / ca 350g	200x103x50 mm/560g
Delivery	With mains-adaptor and beech-wood case		With charger, batteries, PC-software, interface cable and beech-wood case	



TLA Tuning Sets are manufactured in Germany.

We will be pleased to provide you with further details. You will also find more information on our web site:

www.tuning-set.de