

Linear Suspension Test – Package Examples

Effective as of August 01, 2018

Currency: EURO, all prices EXW (Tax, duty, transportation, support not included)

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LST Lite with Klippel Analyzer Hardware - EOL Testing - Incoming goods inspection			
Testing spiders, cones, surrounds up to Ø 222 mm			
Hardware	KA3 L ¹	Measurement hardware unit, cable set	4.190,00 €
Modules	QC BASIC Software		1.500,00 €
	LST Lite - Linear Suspension Test Lite	Linear Suspension Test: compliance check of spiders, cones, surrounds	1.050,00 €
Accessory	Laser Set IL065 (for use with KA3)	Laser sensor and controller for LST Module	1.430,00 €
	LST Measurement Bench - for Internal Laser ²	For LST testing of spiders, surrounds, cones, without clamping	950,00 €
	Cone Set (plastic) ⁴	Clamping for LST	490,00 €
	LST Ring Set ⁵	Clamping for LST	1.310,00 €
	Recommended: 1/4" Microphone ⁶	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			11.610,00 €

¹External amplifier required

LST Lite with Klippel Analyzer Hardware - EOL Testing - Incoming goods inspection			
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Hardware	KA3 AL	Measurement hardware unit, cable set	5.190,00 €
Modules	QC BASIC Software		1.500,00 €
	LST Lite - Linear Suspension Test Lite	Linear Suspension Test: compliance check of spiders, cones, surrounds	1.050,00 €
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	1/4" Microphone ⁶	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			12.610,00 €

LST Lite with Production Analyzer Hardware - EOL Testing - Incoming goods inspection			
Testing spiders, cones, surrounds up to Ø 222 mm			
Hardware	PA - Production Analyzer ¹	Measurement hardware unit, cable set	4.200,00 €
Modules	QC BASIC Software		1.500,00 €
	LST Lite - Linear Suspension Test Lite	Linear Suspension Test: compliance check of spiders, cones, surrounds	1.050,00 €
Accessory	Laser Set IL065 (for use with PA)	Laser sensor and controller for LST Module	1.580,00 €
	LST Measurement Bench - for Internal Laser ²	For LST testing of spiders, surrounds, cones, without clamping	950,00 €
	Cone Set (plastic) ⁴	Clamping for LST	490,00 €
	LST Ring Set ⁵	Clamping for LST	1.310,00 €
	Recommended: 1/4" Microphone ⁶	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			11.770,00 €

LST Lite with Production Analyzer Hardware - EOL Testing - Incoming goods inspection			
Testing spiders, cones, surrounds up to Ø 222mm (with Klippel clamping) and up to Ø 490 mm (with own clamping)			
Hardware	PA - Production Analyzer ¹	Measurement hardware unit, cable set	4.200,00 €
Modules	QC BASIC Software		1.500,00 €
	LST Lite - Linear Suspension Test Lite	Linear Suspension Test: compliance check of spiders, cones, surrounds	1.050,00 €
Accessory	Laser Set IL065 (for use with PA)	Laser sensor and controller for LST Module	1.580,00 €
	SPM Pro Bench ³	For LST testing of spiders, surrounds, cones, without clamping	5.520,00 €
	Cone Set (plastic) ⁴	Clamping for LST	490,00 €
	LST Ring Set ⁵	Clamping for LST	1.310,00 €
	1/4" Microphone ⁶	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			16.340,00 €

LST Pro with Production Analyzer Hardware - EOL Testing - Incoming goods inspection			
Testing spiders, cones, surrounds up to Ø 222 mm + monitoring mass and stiffness deviation of passive radiators			
Hardware	PA - Production Analyzer ¹	Measurement hardware unit, cable set	4.200,00 €
Modules	QC BASIC Software		1.500,00 €
	LST Pro - Linear Suspension Test	Linear Suspension Test: compliance check of spiders, cones, surrounds	2.000,00 €
Accessory	Laser Set IL065 (for use with PA)	Laser sensor and controller for LST Module	1.580,00 €
	LST Measurement Bench - for Internal Laser ²	For LST testing of spiders, surrounds, cones, without clamping	950,00 €
	Cone Set (plastic) ⁴	Clamping for LST	490,00 €
	LST Ring Set ⁵	Clamping for LST	1.310,00 €
	1/4" Microphone ⁶	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			12.720,00 €

¹also required: computer and power amplifier

²or LST Bench Set - for External Laser; with boom for external laser mounting; 1.400 EUR

³SPM Pro Bench rev. 1.5 or higher or SPM Pro Bench rev. 1.1 – 1.4 with modification by customer (Rack for top-load position)

⁴The plastic cone set is designed for clamping test object with an inner diameter up to Ø 110 mm. Please prepare own clamping parts for measuring larger test objects if required.

⁵The Klippel LST Ring Set is limited for clamping test object up to Ø 222 mm. Please prepare own clamping parts for measuring larger test objects.

⁶The microphone improves robustness and result accuracy. Required QC Software Release: QC5 or higher.

LST Lite with Klippel Analyzer Hardware - R&D Lab application			
Testing spiders, cones, surrounds up to Ø 222 mm			
Hardware	KA3 - Klippel Analyzer 3 ¹	incl. Laser Card, Speaker Card, XLR Card, cable set, dB-Lab 210	6.170,00 €
Modules	LST Lite - Linear Suspension Test Lite	Linear Suspension Test: compliance check of spiders, cones, surrounds	1.050,00 €
Accessory	Laser Set IL065 for use with KA3	Laser sensor and controller for LST Module	1.430,00 €
	LST Measurement Bench - for Internal Laser ²	For LST testing of spiders, surrounds, cones, without clamping	950,00 €
	Cone Set (plastic) ⁴	Clamping for LST	490,00 €
	LST Ring Set ⁵	Clamping for LST	1.310,00 €
	1/4" Microphone	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			12.090,00 €

LST Lite with Klippel Analyzer Hardware - R&D Lab application			
Testing spiders, cones, surrounds up to Ø 222mm (with Klippel clamping) and up to Ø 490 mm (with own clamping)			
Hardware	KA3 - Klippel Analyzer 3 ¹	incl. Laser Card, Speaker Card, XLR Card, cable set, dB-Lab 210	6.170,00 €
Modules	LST Lite - Linear Suspension Test Lite	Linear Suspension Test: compliance check of spiders, cones, surrounds	1.050,00 €
Accessory	Laser Set IL065 for use with KA3	Laser sensor and controller for LST Module	1.430,00 €
	SPM Pro Bench ³	For LST testing of spiders, surrounds, cones, without clamping	5.520,00 €
	Cone Set (plastic) ⁴	Clamping for LST	490,00 €
	LST Ring Set ⁵	Clamping for LST	1.310,00 €
	1/4" Microphone	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			16.660,00 €

LST Pro with Klippel Analyzer Hardware - R&D Lab application			
Testing spiders, cones, surrounds up to Ø 222mm (with Klippel clamping) and up to Ø 490 mm (with own clamping) + monitoring mass and stiffness deviation of passive radiators			
Hardware	KA3 - Klippel Analyzer 3 ¹	incl. Laser Card, Speaker Card, XLR Card, cable set, dB-Lab 210	6.170,00 €
Modules	LST Pro - Linear Suspension Test Pro	Linear Suspension Test: compliance check of spiders, cones, surrounds	2.000,00 €
Accessory	Laser Set IL065 for use with KA3	Laser sensor and controller for LST Module	1.430,00 €
	SPM Pro Bench ³	For LST testing of spiders, surrounds, cones, without clamping	5.520,00 €
	Cone Set (plastic) ⁴	Clamping for LST	490,00 €
	LST Ring Set ⁵	Clamping for LST	1.310,00 €
	1/4" Microphone	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			17.610,00 €

¹also required: computer and power amplifier

²or LST Bench Set - for External Laser; with boom for external laser mounting; 1.400 EUR

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