KLIPPEL

Linear Suspension Test – Package Examples

Effective as of February 12, 2018
Currency: EURO, all prices EXW (Tax, duty, transportation, support not included)
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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	470,00 €
	LST Ring Set[5]	Clamping for LST	1.310,00 €
	Optional: 1/4" Microphone[6]	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			11.750,00 €

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	470,00 €
	LST Ring Set[5]	Clamping for LST	1.310,00 €
	Optional: 1/4" Microphone[6]	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			16.320,00 €

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	470,00 €
	LST Ring Set[5]	Clamping for LST	1.310,00 €
	Optional: 1/4" Microphone[6]	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			12.700,00 €

[1]also required: computer and power amplifier

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

[3]SPM 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)

[4] The 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.

[5] The 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.

[6] The 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	470,00 €
	LST Ring Set[5]	Clamping for LST	1.310,00 €
	1/4" Microphone	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			12.070,00 €

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	470,00 €
	LST Ring Set[5]	Clamping for LST	1.310,00 €
	1/4" Microphone	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			16.640,00 €

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	470,00 €
	LST Ring Set[5]	Clamping for LST	1.310,00 €
	1/4" Microphone	Mic 40PP-S1 IEPE 1/4" Set	690,00 €
			17.590,00 €

[1]also required: computer and power amplifier

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

[3]SPM 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)

[4] The 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.

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