



ENGINE INSTRUMENT- LEUTERT SERIES

(Engine indicators – Type S1)

APPLICATION:

LEUTERT Engine Indicators have a world-wide reputation for precision accuracy and perfect design Outstanding Features of LEUTERT Engine Indicators
 Minimum reciprocating mass
 Pressure springs are double-coiled. They operate in tension. Pistons, cylinders and springs are detachable and interchangeable. Ease and simplicity in handling and operation.
 Rugged design.



SPECIFICATIONS:

Measuring Range:	see spring table below	
Engine Sizes:	Up to n = 2000 R.P.M. or max dp/dt = 32 x 103 bar/	
Max Diagram Height:	25mm	
Max Diagram Length:	60mm	
Drum Diameter:	30mm	Paper Size: 115 x 35mm
Dimension of	140 x 150 x 100mm	
Natural Frequency/sec.:	340 / √f + 40 (f = measuring scale)	
Standard Connection:	W 27 x 23.75 Dia. 10 T.P.I.	
Weight:	2.6 kg (without wooden box)	
	6.0 kg (with wooden box)	

Table of Bar springs for Indicator Type													
Piston Size	∅ mm	Part. No. S1 4631.071.											
		Spring - No.	S/6 bar	S/10 bar	S/16 bar	S/24 bar	S/32 bar	S/40 bar	S/50 bar	S/60 bar	S/70 bar	S/80 bar	S/100 bar
1/1	20.27	Scale mm/bar	3.5	2	1.25	1	0.75	0.6	0.5	0.4	0.35	0.3	0.25
		max preassure_bar	6	10	16	24	32	40	50	60	70	80	100
2/1	28.67	Scale mm/bar	7	4	2.5	2	1.5	1.2	1	0.8	0.7	0.6	0.5
		max preassure_bar	3	5	8	12	16	20	25	30	35	40	50
1/2	14.33	Scale mm/bar	1.75	1	0.625	0.5	0.375	0.3	0.25	0.2	0.175	0.15	0.12
		max preassure_bar	12	20	32	48	64	80	100	120	140	160	200
1/5	9.06	Scale mm/bar	0.7	0.4	0.25	0.2	0.15	0.12	0.1	0.08	0.07	0.06	0.05
		max preassure_bar	30	50	60	120	150	120	200	250	300	350	500

Standard Accessories

- 1 spring
- 1 measuring scale
- 1 block indicator paper (40s)
- 1 coil tightening hook
- 1 oil can for polish and links
- 2 screw drivers
- 1 flat pliers
- 1-cylinder spanner
- 1 spanner connection nut
- 1 cylinder cleaner
- 1 spring table
- 1 instruction manual

** Non-standard specifications from above can be customize on indent basis.
 ***All information subject to changes without prior notice owing to continuous development.