

Partial User References (not complete list) of Kolver Electrical Screwdrivers

SNo.	Item Description, Customer's Name & City	Qty	SNo.	Item Description, Customer's Name & City	Qty
	NATO50D Electrical Screwdriver		38	BN Hitech Machines Pvt. Ltd., PANCKLULA	1
1	Sumitron Exports Private Limited, Delhi	5	39	Enphase Solar Energy Pvt. Ltd., Bengaluru	1
	MITO15D & MITO15D/TA Electrical Screwdriver		40	Infinity Automation Systems Pvt. Ltd., Pune	1
2	Ash & Alain India Private Limited, Noida	1	41	Motherson Sumi Wiring India Limited, Pune	2
3	GnR Corporation, Gurgaon	1	42	S. D. Engineerstech Pvt. Ltd., Pune	1
4	Inteva Products India Automotive Private Limited, Pune	1	43	Sanko Shoji India Pvt. Ltd., Gurgaon	1
5	Sumitron Exports Private Limited, Delhi	11	44	Secure Meters Limited, Ahmedabad	1
	PLUTO 3CA, PLUTO3D, PLUTO3D/PS & PLUTO3D/TA		45	Sumitron Exports Private Limited, Delhi	24
6	Ash & Alain India Private Limited, Noida	1	46	Sunrise Enterprises, Pune	1
7	ASTronics Technology (I) Pvt. Ltd, Delhi	1		PLUTO20CA/SR & PLUTO20CA/SR/TA	
8	Authentic Engineers, Gurgaon	1	47	Shigan Quantum Technologies Limited, Gurugram	1
9	BBS Automation India Pvt. Ltd., Pune	1	48	Sumitron Exports Private Limited, Delhi	6
10	Enphase Solar Energy Pvt. Ltd., Bengaluru	1		PLUTO30ANG Electrical Screwdriver	
11	Hemaadri Ele Systems Private Limited, Bangalore	1	49	Shigan Quantum Technologies Limited, Gurugram	1
12	Inteva Products India Automotive Private Limited, Pune	1		PLUTO35CA/SR Electrical Screwdriver	
13	JKB Mechtech Private Limited, Chennai	1	50	Sumitron Exports Private Limited, Delhi	3
14	Motherson Automotive Technologies & Eng., Chennai	2		KDS-PL15 Electrical Screwdriver	
15	Motherson Sumi Systems Limited, Noida	3	51	Sumitron Exports Private Limited, Delhi	1
16	Motherson Sumi Wiring India Limited, Pune	2		KBL30FR Electrical Screwdriver	
17	Samvardhana Motherson International Ltd, Noida	1	52	Schindler India Pvt. Ltd, Mumbai	1
18	Sumitron Exports Private Limited, Delhi	57		PLUTO30ANG Electric Screwdriver	
19	Unique Circle Automation Pvt. Ltd., Pune	1	53	Sumitron Exports Private Limited, Delhi	2
20	Yesh Enterprises, Gurgaon	1		PLUTO50CA/SR Electrical Screwdriver	
	PLUTO6D, PLUTO6D/PS & PLUTO6D/TA		54	Crane Process Flow Technologies (India) Pvt. Ltd., Satara	1
21	ASTronics Technology (I) Pvt. Ltd, Delhi	2		Sumitron Exports Private Limited, Delhi	1
22	Authentic Engineers, Gurgaon	1	55	PLUTO70ANG Electrical Screwdriver	
23	I6 Techlabs Private Limited, Coimbatore	6		Crane Process Flow Technologies (India) Pvt. Ltd., Satara	1
24	JKB Mechtech Private Limited, Chennai	1	56	PLUTO6ANG Electrical Screwdriver	
25	Rotex Automation Limited, Vadodara	1		Eureka Design India Private Limited, Manesar	2
26	S. D. Engineerstech Pvt. Ltd., Pune	1	57	FAB18RE/FR Electrical Screwdriver	
27	Sumitron Exports Private Limited, Delhi	89		Rapiscan Systems Private Limited, Hyderabad	1
28	Sunrise Enterprises, Pune	1	58	KDS-PL6 Electrical Screwdriver	
	PLUTO10D/N & PLUTO10D/TA			Sumitron Exports Private Limited, Delhi	2
29	Crane Process Flow Technologies (India) Pvt. Ltd., Satara	4	59	KDS-PL10 Electrical Screwdriver	
30	DELL'ORTO INDIA PVT. LTD., Pune	7		Eaton Industrial Products Private Limited, Bangalore	1
31	Gilbarco Veeder Root India Pvt. Ltd., Coimbatore	1	60	RAF38PP/FR Electrical Screwdriver	
32	JKB Mechtech Private Limited, Chennai	5		Draeger Safety India Pvt.Ltd., Thane	1
33	Kadence Automation and Robotic Systems, Faridabad	1	61	RAF32NS/FR Electrical Screwdriver	
34	Modine Thermal Systems Pvt. Ltd., Tamil Nadu	3		Sumitron Exports Private Limited, Delhi	2
35	Nobel Automotive India Private Limited, Ahmedabad	1	62	PLUTO5FR/P Electrical Screwdriver	
36	Sumitron Exports Private Limited, Delhi	43	63	Sumitron Exports Private Limited, Delhi	1
	PLUTO15D/N & PLUTO15D/TA Electrical Screwdriver			EDU2AE/TOP/NT/TA Control Unit	
37	Ash & Alain India Private Limited, Noida	1	64	Sumitron Exports Private Limited, Delhi	5

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While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

Warranty is 12 months from the date of invoice. It excludes any mechanically damaged part

SNo.	Item Description, Customer's Name & City	Qty	SNo.	Item Description, Customer's Name & City	Qty
	EDU2AE/HPRO Control Unit			EDU1FR Control Unit	
65	Ash & Alain India Private Limited, Noida	2	103	Rapiscan Systems Private Limited, Hyderabad	1
66	Authentic Engineers, Gurgaon	2	104	Draeger Safety India Pvt.Ltd., Thane	1
67	BBS Automation India Pvt. Ltd., Pune	1		EDU1FR/SG Control Unit	
68	BN Hitech Machines Pvt. Ltd., Panchkula	1	105	Sumitron Exports Private Limited, Delhi	2
69	Crane Process Flow Technologies (India) Pvt. Ltd., Satara	1		KDU-1A Control Unit	
70	Enphase Solar Energy Pvt. Ltd., Bengaluru	2	106	Eaton Industrial Products Private Limited, Bangalore	1
71	Eureka Design India Private Limited, Manesar	2	107	Sumitron Exports Private Limited, Delhi	1
72	Gilbarco Veeder Root India Pvt. Ltd., Coimbatore	1		LINAR1 Torque Reaction Arm	
73	GnR Corporation, Gurgaon	1	108	Eaton Industrial Products Private Limited, Bangalore	1
74	Hemaadri Ele Systems Private Limited, Bangalore	1	109	Motherson Sumi Systems Limited, Noida	1
75	I6 Techlabs Private Limited, Coimbatore	6	110	Motherson Sumi Wiring India Limited, Pune	4
76	Infinity Automation Systems Pvt. Ltd., Pune	1	111	Shigan Quantum Technologies Limited, Gurugram	1
77	Inteva Products India Automotive Private Limited, Pune	1	112	Sumitron Exports Private Limited, Delhi	20
78	JKB Mechtech Private Limited, Chennai	7		LINAR2 Torque Reaction Arm	
79	Kadence Automation and Robotic Systems, Faridabad	1	113	Sumitron Exports Private Limited, Delhi	1
80	Modine Thermal Systems Pvt. Ltd., Tamil Nadu	3		LINART Torque Reaction Arm	
81	Nobel Automotive India Private Limited, Ahmedabad	1	114	Sumitron Exports Private Limited, Delhi	1
82	Rotex Automation Limited, Vadodara	1		PA2KOL Torque Reaction Arm	
83	S. D. Engineerstech Pvt. Ltd., Pune	2	115	Sumitron Exports Private Limited, Delhi	1
84	Sanko Shoji India Pvt. Ltd., Gurgaon	1		CAR501 Torque Reaction Arm	
85	Secure Meters Limited, Ahmedabad	1	116	Crane Process Flow Technologies (India) Pvt. Ltd., Satara	1
86	Sumitron Exports Private Limited, Delhi	153		CAR502 Torque Reaction Arm	
87	Sunrise Enterprises, Pune	1	117	Sumitron Exports Private Limited, Delhi	1
88	Unique Circle Automation Pvt. Ltd., Pune	1		LINAR1/TLS1 Torque Reaction Arm	
89	Yesh Enterprises, Gurgaon	1	118	Sumitron Exports Private Limited, Delhi	18
	EDU2AE/TOP/E & EDU2AE/TOP Control Unit			LINART/TLS1 Folding Torque Reaction Arm	
90	Crane Process Flow Technologies (India) Pvt. Ltd., Satara	4	119	Sumitron Exports Private Limited, Delhi	1
91	DELL'ORTO INDIA PVT. LTD., Pune	3		CAR281/TLS1 Torque Reaction Arm	
92	Motherson Automotive Technologies & Eng., Chennai	2	120	Gilbarco Veeder Root India Pvt. Ltd., Coimbatore	1
93	Sumitron Exports Private Limited, Delhi	32		Sumitron Exports Private Limited, Delhi	1
	EDU2AE/TOP/MITO/TA Control Unit		121	CAR501/TLS1 Torque Reaction Arm	
94	Sumitron Exports Private Limited, Delhi	2	122	Sumitron Exports Private Limited, Delhi	3
	EDU2AE/TOP/TA Control Unit			Mini K-5/S Torque Tester	
95	Ash & Alain India Private Limited, Noida	1	123	Motherson Sumi Systems Limited, Noida	1
96	ASTronics Technology (I) Pvt. Ltd, Delhi	3	124	Rapiscan Systems Private Limited, Hyderabad	1
97	Authentic Engineers, Gurgaon	2		Mini K-20/S Torque Tester	
98	Motherson Sumi Systems Limited, Noida	3	125	Deutsch India Power Connectors Pvt. Ltd.- Bangalore	1
99	Motherson Sumi Wiring India Limited, Pune	4		K20 Torque Tester upto 20 Nm	
100	Samvardhana Motherson International Ltd, Noida	1	126	Motherson Sumi Wiring India Limited, Pune	1
101	Sumitron Exports Private Limited, Delhi	40		Muffaddal Tools & Hardware, Bangalore	1
	EDU1BL/SG Control Unit		127	Mini Ke50/S Torque Tester upto 50 Nm	
102	Schindler India Pvt. Ltd, Mumbai	1	128	Crane Process Flow Technologies (India) Pvt. Ltd., Satara	1

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From:giovanni colasante <boss@kolver.it>
To:rksgm <romesh1947@gmail.com>

Dear Romesh,

Congratulations for your repair. Not many of our sales partners have such ability.

I'll pass your suggestions on to our technical and production department to see if it's feasible on our side and inform you accordingly.

Enjoy your weekend

Cordiali saluti/Best regards

Giovanni Colasante
Kolver Srl

Il giorno ven 6 ago 2021 alle ore 04:01 rksgm <romesh1947@gmail.com> ha scritto:

Dear Giovanni,

Please see attachment, we finally mastered in-house the repair of this at chip level (much beyond Power FET). This is now working ok. Infact we took one Good type of your Power Supply and created our own Test Points with signals and waveforms.



To whom it may concern in India

We certify that:

Inde Enterprises
745, Sector 8-B
Chandigarh 1650 009

Email: romesh1947@gmail.com
Cell: 9815600745

are our India partner both for sales and service of our Kolver Brand Electric Screwdrivers.

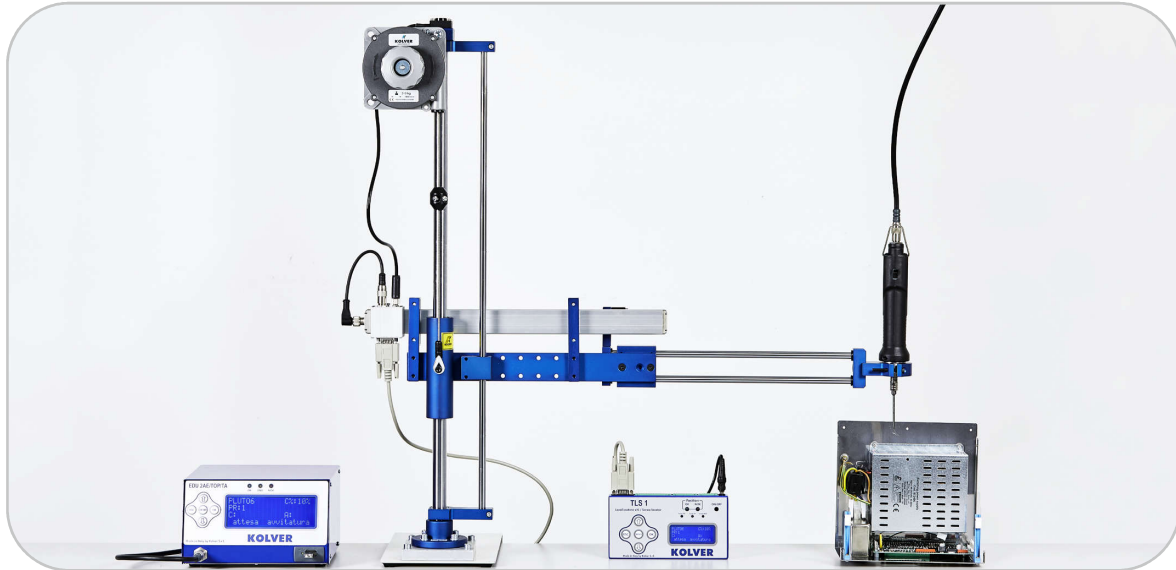
This certificate is re-issued on March 8th, 2024 and will be valid for next 3 years.

We solicit all our Indian customers' co-operation to Inde Enterprises so as to perform the assigned responsibility.


Giovanni Colasante
Managing Director

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Positioning Arms TLS1 Series | Up to 50 Nm



Positioning Arms TLS1 Series | Up to 50 Nm

TLS1 is an intelligent system that error-proofs your assembly ensuring that every screw is in the correct location at the right torque. Assembly sequences and X-Y coordinates are easily programmed with user interface screens through the keypad from the intuitive menu. Torque programs are automatically selected and enabled from the screwdriver controller based on the TLS1 Arm locations and current sequence step.

Main Features

- 8 available programs and up to 35 screws per program.
- Screw position (length/angle) with accuracy: length ± 1 mm; angle $\pm 1^\circ$.
- Programmable tolerance and manual reset.
- Password protected.
- External keyboard and serial port for easy programming and statistics.

TLS1 with CAR Arm

The TLS1/CAR Arm consists of a torque reaction arm with an encoder mounted at the pivot point and with a linear metering resistor. The encoder records the angle and the linear resistor records the distance. X-Y accuracy can be set by the operator according to each application.

TLS1 with Linear Arm

TLS1/LINAR1 and TLS1/LINAR2 positioning arms work just like LINAR1 and LINAR2 with the addition of positioning sensors for a real time feedback on the position of the arm. Max torque and reach are the same as LINAR1 and LINAR2 respectively. Adapter code 234545 is required for screwdriver model PLUTO35 and PLUTO50.

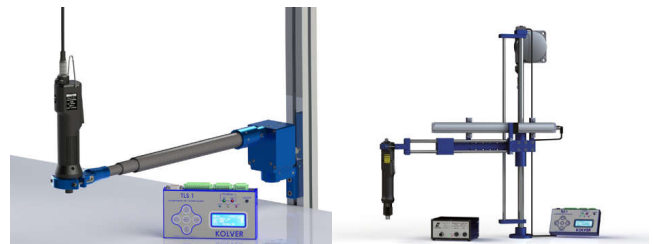
TLS1 with Folding Arm

TLS1/LINART features a folding arm for extreme flexibility and accuracy. Thanks to the positioning sensors you can have a real time feedback on the position of the arm, which is very useful for default calibrations. Max torque and reach are the same as LINART.

TLS1 with Suspended Arm

A SAR XYZ/TLS1 is ideal for assembly stations where space is limited. It can be easily installed on most workplaces to help the operator handle the screwdriver in total safety and stability. The TLS1 System makes each operation truly error-proof: it tracks the X-Y-Z coordinates to make sure that each screw is tightened only when the screwdriver is in correct position. Max torque and reach are the same as SAR XYZ.

Positioning Arm models



TLS1/CAR Positioning Carbon Arm

TLS1/LINAR1 and TLS1/LINAR2



TLS1/LINART Positioning Folding Arm

TLS1/SAR XYZ Suspended Arm

Positioning Arms / TLS1 Series

Folding and Linear Positioning Arms

Code	Model	Max Torque Nm	Min Reach mm	Max Reach mm	Min distance between screws at max extension
010681/TLS1	LINAR1/TLS1	25	184	665	6 mm
010682/TLS1	LINAR2/TLS1	50	184	665	6 mm
010683/TLS1	LINART/TLS1	25	114	740	7 mm

Either of the following cables must be specified at time of purchase

260003/1	Cable to connect TLS system to EDU1FR/SG controller
260004/1	Cable to connect TLS system to EDU1BL/SG, EDU2AE, EDU2AE/HPro, EDU2AE/TOP or EDU2AE/TOP/TA controller
260004/KDU	Cable to connect TLS system to KDU controller

Folding and Linear Positioning Arms with Autoadvance Kit

Code	Model	Arm Weight kg	Piston Stroke mm	Min Reach mm	Max Reach mm	Min distance between screws (max extension)
010682/TLS1/A	LINAR2/TLS1/A	50	0 - 50	184	665	6

Either of the following cables must be specified at time of purchase

260003/1	Cable to connect TLS system to EDU1FR/SG controller
260004/1	Cable to connect TLS system to EDU1BL/SG, EDU2AE, EDU2AE/HPro, EDU2AE/TOP or EDU2AE/TOP/TA controller
260004/KDU	Cable to connect TLS system to KDU controller

Autoadvance Kit

020099	The Autoadvance kit can be supplied separately – to be installed on LINAR2/TLS1 and LINART/TLS1 to convert them into /A models.
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Telescopic Positioning Arms

Code	Model	Max Torque Nm	Min Reach mm	Max Reach mm	Min distance between screws at max extension
010663/TLS1	CAR281/TLS1	25	490	950	9 mm
010664/TLS1	CAR282/TLS1	25	730	1650	15 mm
010665/TLS1	CAR501/TLS1	50	490	950	9 mm
010666/TLS1	CAR502/TLS1	50	730	1650	15 mm

Either of the following cables must be specified at time of purchase

260003/1	Cable to connect TLS system to EDU1FR/SG controller
260004/1	Cable to connect TLS system to EDU1BL/SG, EDU2AE, EDU2AE/HPro, EDU2AE/TOP or EDU2AE/TOP/TA controller
260004/KDU	Cable to connect TLS system to KDU controller

Suspended Positioning Arms

Code	Model	Max Torque Nm	Arm Weight kg	Vertical Stroke Z mm	Vertical Stroke X mm	Vertical Stroke Y mm
010690/XYZ/TLS1	SAR15 XYZ/TLS1	15	8	885	692	376

Tool holders for SAR arm

010695	Tool holder for PLUTO and RAF series inline screwdrivers
010698	Tool holder for FAB, NATO & MITO series inline screwdrivers
010695/P	Tool holder for right angle PLUTO screwdrivers (up to 15 Nm)
010695/UNI	Universal Tool Holder for any screwdriver (max diameter 47 mm)

Either of the following cables must be specified at time of purchase

260003/1	Cable to connect TLS system to EDU1FR/SG controller
260004/1	Cable to connect TLS system to EDU1BL/SG, EDU2AE, EDU2AE/HPro, EDU2AE/TOP or EDU2AE/TOP/TA controller
260004/KDU	Cable to connect TLS system to KDU controller

IMPORTANT: A diameter reduction adapter (code 234545) is required when LINAR and CAR arms are used with PLUTO35 or PLUTO50 screwdrivers (Ø 57 mm).

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