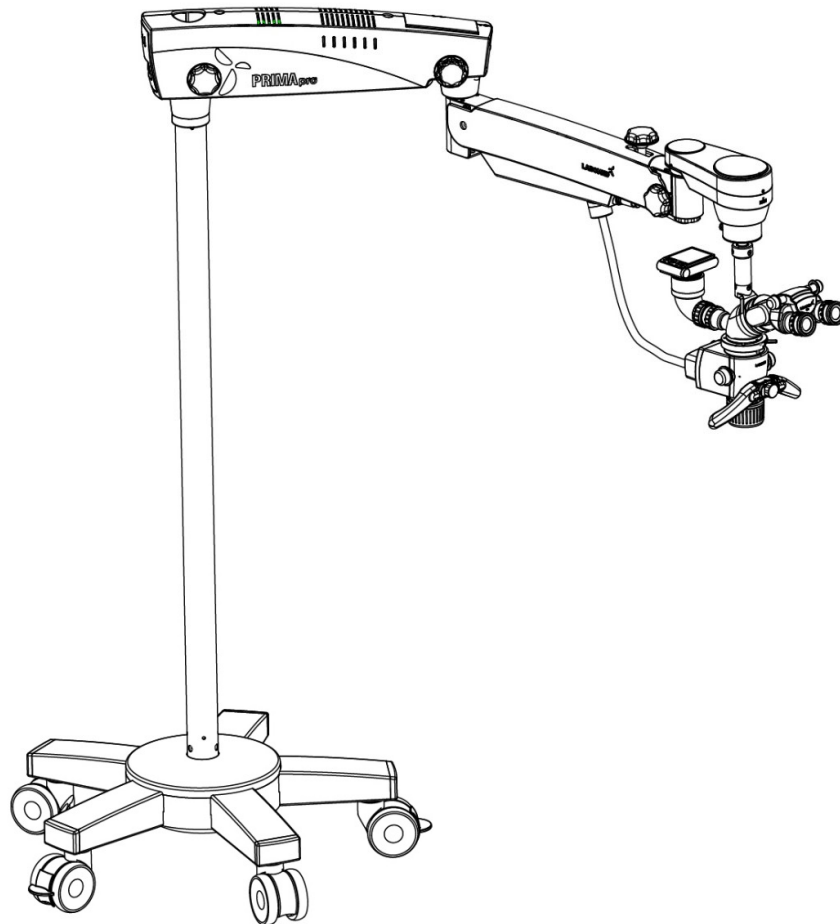


Prima Pro

Service/Part list Manual

Operating Surgical Microscopy

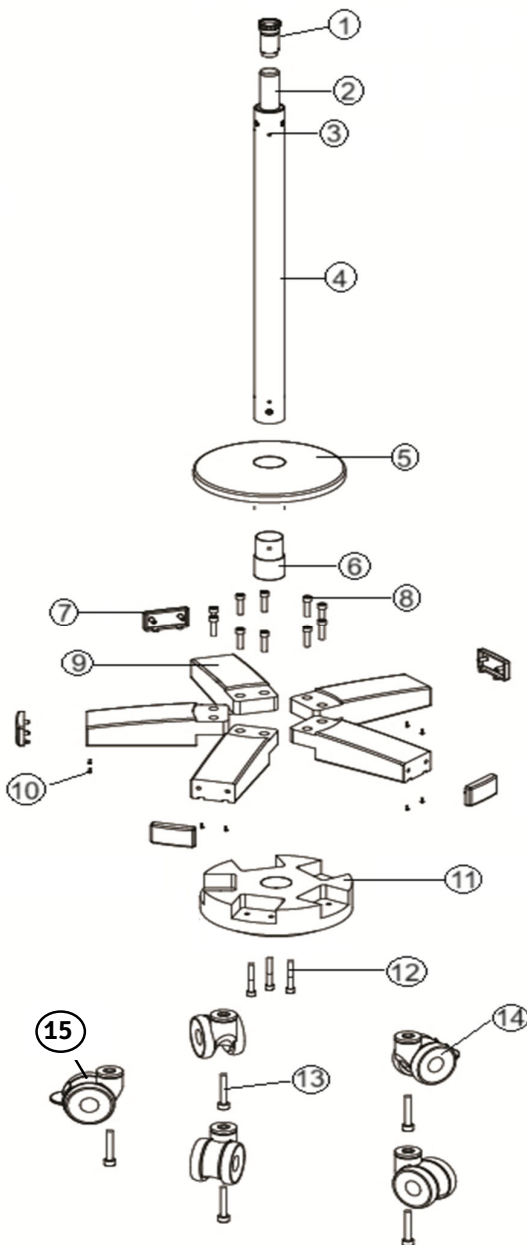


To ensure proper use of this instrument as well as to avoid injury while operating instrument, understanding this manual completely before use is highly recommended.

CONTENTS

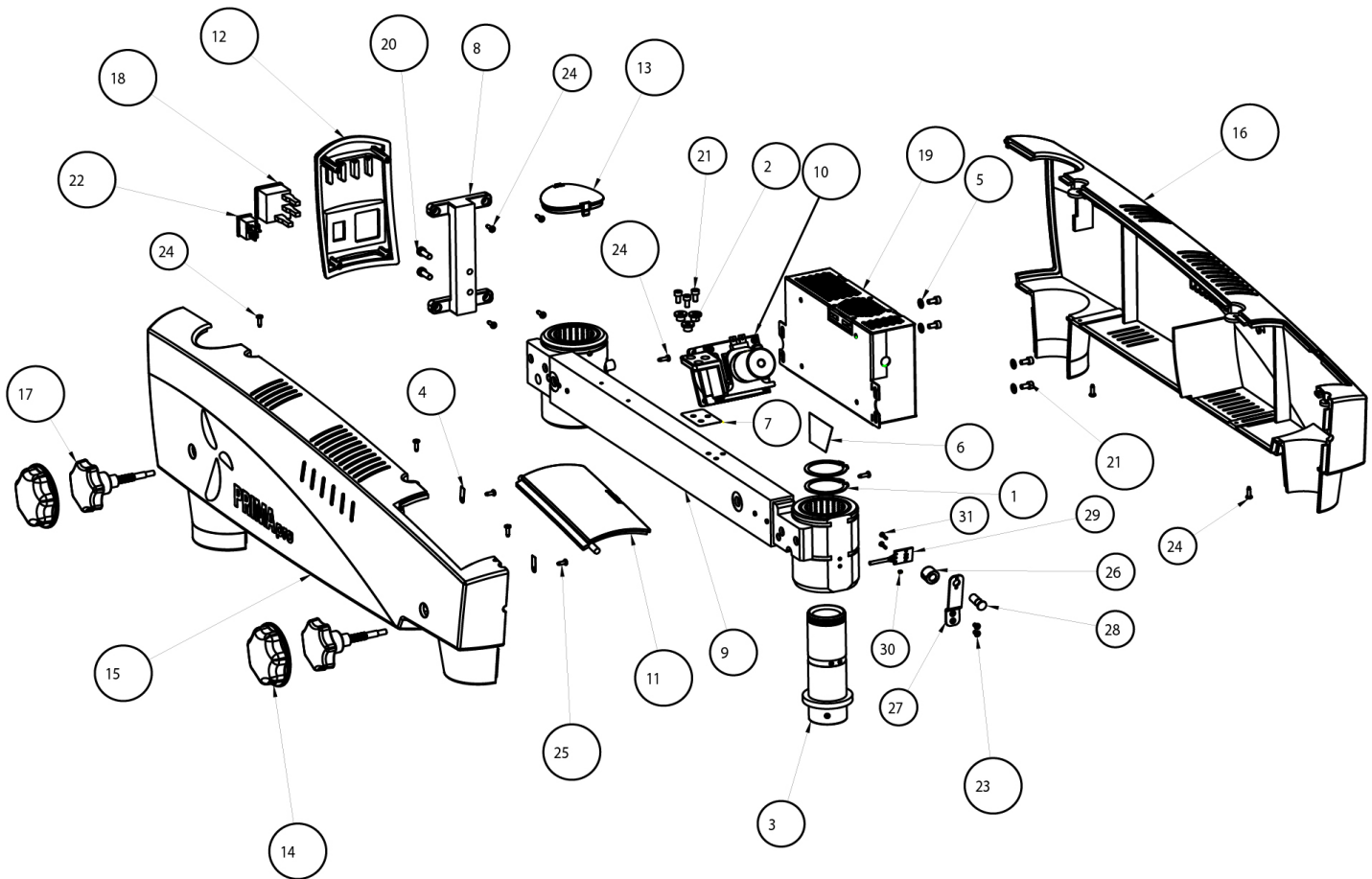
1	Base & Column Assembly	1
2	Swivel Arm Assembly	2
3	Suspension Arm Assembly	3-4
4	Carrier Assembly (ABA)	5

1. BASE & COLUMN ASSEMBLY – PRIMA Pro



Item	Part No.	Description	Qty.
1	6165000-897	Assy. Threaded Plug	1
2	6134000-131	Rear Shaft	1
3	SS – 800	SOCKET FLAT HD SCREW M6x16	3
4	6165000-895	Pillar	1
5	6182001-532	Base Top	1
6	6182001-145	Guide Plug Column	1
7	6310000-201	Side Cover base	5
8	SS – 707	M10x40/SCHS	10
9	6182001-852	Leg With Coil Spring	5
10	SS – 659	M3/5.2/PAN/8.0/10.0)/DNA	10
11	6152001-530	Base Bottom	1
12	SS – 721	Allen Bolt M10x70	3
13	SS – 728	M12x75/SHCS	5
14	6134000-272	Castor Wheel Without Lock	3
15	6134000-274	Castor Wheel Lockable	2

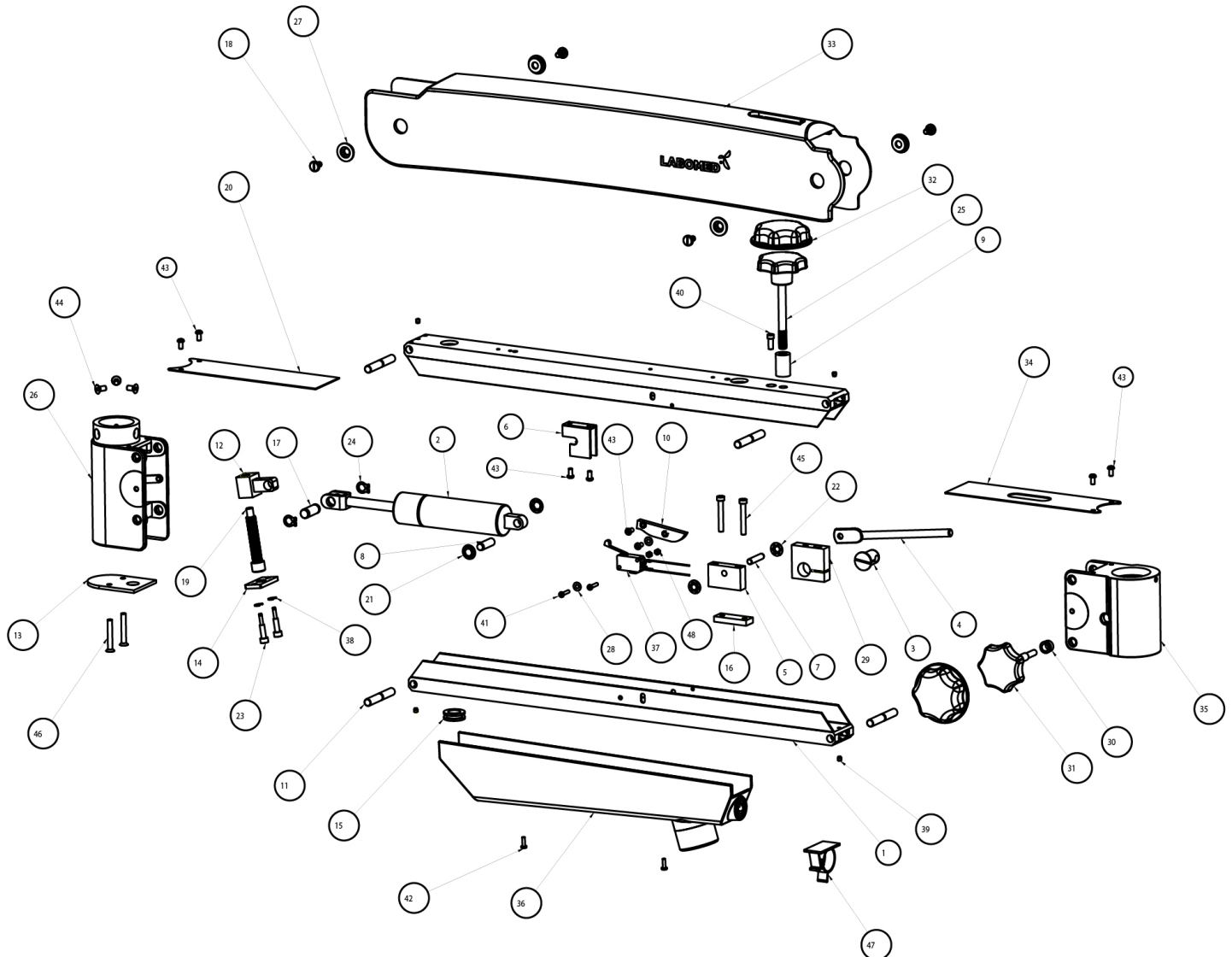
2. SWIVEL ARM ASSEMBLY – PRIMA Pro



ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	6134000-123	RETAINING RING DIA 38
2	3	6165000-119	DELFIN BUSH
3	1	6165000-146	FRONT SHAFT
4	2	6165000-326	HINGE CLAMP
5	4	6165000-330	WASHER
6	1	6165000-334	INSULATION SHEET
7	1	6165000-335	INSULATION PACKING FOR BRACKET
8	1	6165000-511	BRACKET BACK COVER
9	1	6165000-811	ASSLY SWIVEL ARM
10	1	6165000-852	LED ASSEMBLY
11	1	6165000-203	DOOR
12	1	6165000-204N	BACK COVER
13	1	6165000-205	DUST COVER
14	2	6168000-216	COVER LOCKING KNOB
15	1	6182001-218	COVER SWIVEL ARM LH
16	1	6182001-219	COVER SWIVEL ARM RH

ITEM	QTY	PART NUMBER	DESCRIPTION
17	2	6210000-827	LOCKING KNOB ASSEMBLY
18	1	8126000-907	AC INLET
19	1	AVT830-200	POWER SUPPLY
20	2	SS-185	SOCKET HEAD CAP SCREW M5x16
21	7	SS-717	M4x12.0 SOCKET HD CAP SCREW
22	1	WSWT20024	ON/OFF SWITCH
23	2	X54206	M3x6 CSK HD SCREW
24	11	X54346	KA30x10 PAN HEAD SELF TAP SCREW
25	2	X54383	KA30x8.0 SELF TAP SCREW
26	1	6165000-131	MOUNT LED COVER
27	1	6165000-325	BRACKET FRONT LED
28	1	6165000-132	LED COVER
29	1	AVT810-DLED	DUAL LED CABLE ASSEMBLY
30	1	SS-100	M2.5x3 SKT. SET SCREW
31	2	SS-701	M2x8.5 PAN HD SCREW

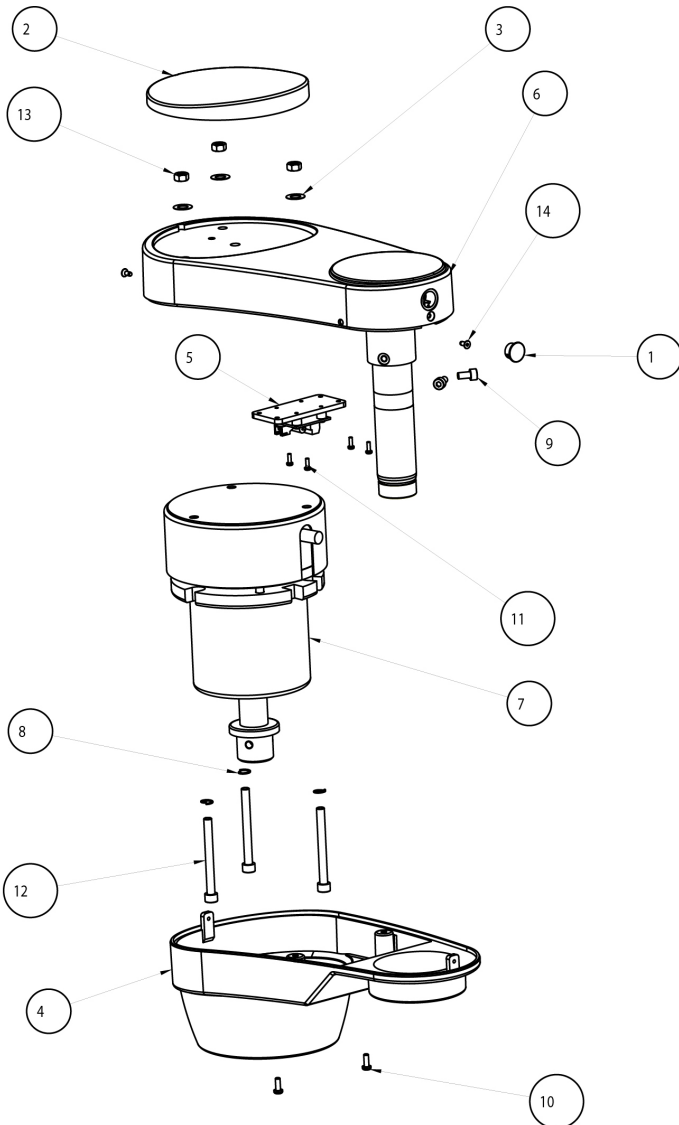
3. SUSPENSION ARM ASSEMBLY – PRIMA Pro



SUSPENSION ARM ASSEMBLY – PRIMA Pro (continued)

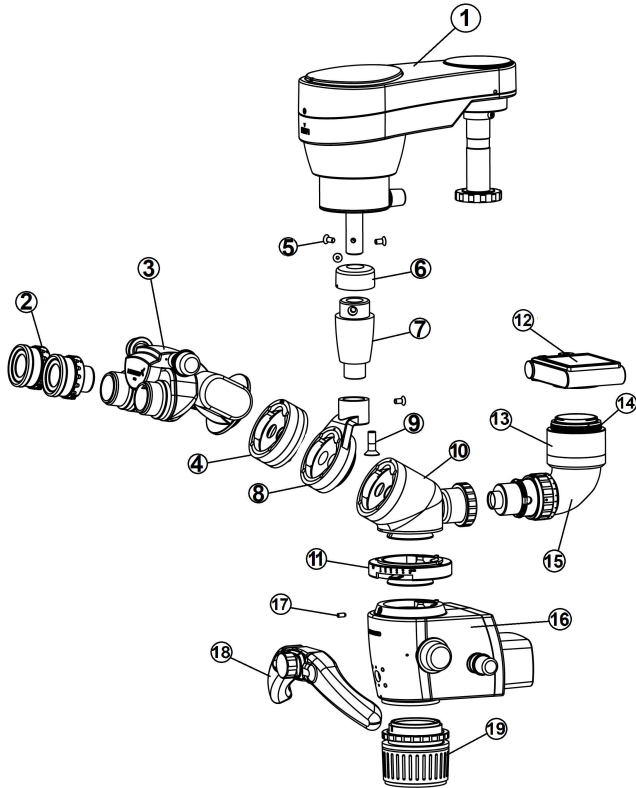
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	6129000-113	FLEXIBLE ARM TOP/BOTTOM
2	1	6129000-402	GAS CYLINDER (1700 N)
3	1	6134000-105	SLITTED BUSH
4	1	6134000-106	LEVER
5	1	6134000-107	LEVER MOUNT
6	1	6134000-108	CLAMP CYLINDER
7	1	6134000-110	PIN LEVER DIA 6
8	1	6134000-111	CYLINDER SUPPORT PIN DIA 8
9	1	6134000-112	SPACER
10	1	6134000-113	STOP LIMIT SWITCH
11	4	6134000-114	GROOVED HINGE PIN
12	1	6134000-117	TENSION ADJUSTMENT NUT
13	1	6134000-118	BOTTOM COVER REAR COUPLING
14	1	6134000-119	LOCKING PLATE TENSION ADJUSTMENT
15	1	6134000-122	CABLE GLAND
16	1	6134000-160	LOCKING PLATE LEVER
17	1	6134000-255	CYLINDER HINGE PIN
18	4	6134000-263	SEAT SCREW COVER
19	1	6134000-478	M10x70 ALLEN BOLT
20	1	6134000-536	COVER REAR COUPLING
21	2	6134000-580	CIRCLIP QUICK LOCK BENZING 8 mm
22	2	6134000-584	CIRCLIP QUICK LOCK BENZING 6 mm
23	2	6134000-587	LOCK PLATE SCREW
24	2	6134000-592	RETAINING RING 10mm
25	1	6134000-812	LOCKING KNOB SUSPENSION ARM
26	1	6134000-817	SUB ASSEMBLY REAR COUPLING
27	4	6137400-101	STEP WASHER FOR SEAT COVER
28	2	6165000-330	WASHER
29	1	6165000-859	SUB ASSEMBLY CLAMP BUSHING
30	1	6167500-122	BUSH
31	1	6167500-828	LOCKING KNOB FRONT COUPLING
32	2	6168000-216	COVER LOCKING KNOB
33	1	6182001-220	COVER SUSPENSION ARM
34	1	6182001-237	COVER FRONT COUPLING
35	1	6182001-835	SUB. ASSY. FRONT COUPLING
36	1	6182001-836	CABLE COVER ASSY.
37	1	AVT810-SW	LIMIT SWITCH CABLE ASSY.
38	2	CX-036	E-RING, 3MM SHAFT
39	4	SS-143	M4 X 4 SOCKET SET SCREW
40	1	SS-182	M5 X12 SOCKET HEAD CAP SCREW
41	2	SS-190	M3 X 15/PH/PAN/DNA
42	2	SS-660	M3 /5.2/PAN/10.0(12.0)/DNA
43	8	SS-665	M4x8 PAN HEAD
44	3	SS-802	SOCKET FLAT HD SCREW M5x10
45	2	SS-803	SOCKET HEAD CAP SCREW M5x35
46	2	SS-811	M5X35 CSK SCREW
47	1	TS-2325	CLAMP
48	2	X5222	M3 HEX. NUT

4. CLUTCH ASSEMBLY – ABA PRIMA Pro

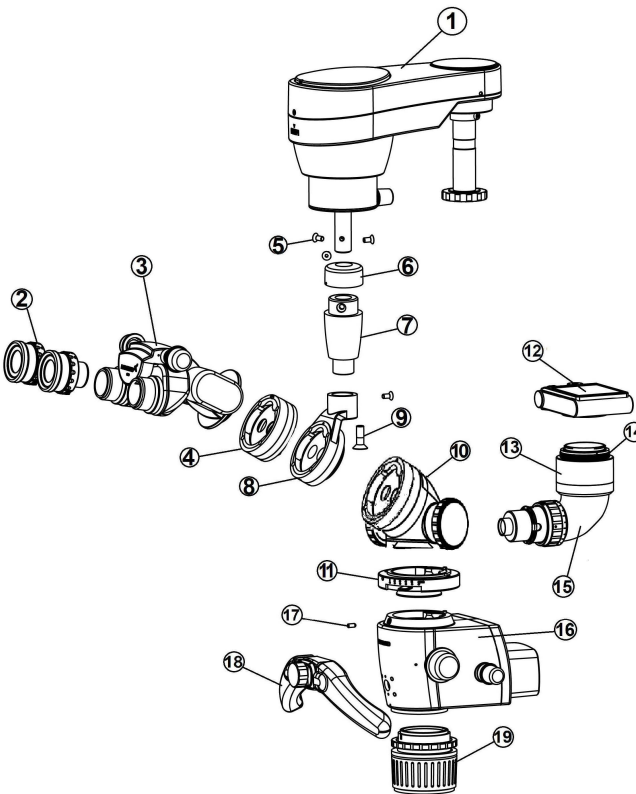


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	4140100-209	DECORATIVE CAP
2	1	6129000-217	TOP COVER SHORT SWIVEL ARM
3	3	6129000-312	WASHER
4	1	6182001-211	COVER SHORT SWIVEL ARM
5	1	6182001-820	CLUTCH PCB ASSLY
6	1	6182001-828	SUB ASSLY SHORT SWIVEL ARM
7	1	6182001-829	CLUTCH ASSLY
8	3	SS-279	SPRING WASHER 5MM
9	2	SS-629	M4x8.0 SOCKET HD CAP SCREW
10	2	SS-661	M3x12 PAN HEAD SCREW
11	4	SS-703	M2x6.0 PHLIP CROSS HD SCREW
12	3	SS-723	M5x50 SOCKET HD. CAP SCREW
13	3	SS-819	NUT M5
14	2	SS-853	2.5x6 CSK SELF TAP SCREW

5. CARRIER ASSEMBLY – PRIMA Pro



ITEM	QTY.	PART NO.	DESCRIPTION
1.	1	6182001-807	Clutch (ABA)
2.	2	6122011	Eyepieces
3.	1	6122015-811	Ergohead
4.	1	6134115	Rotoplate
5.	4	SS - 802	Screw M5x10CSK
6.	1	6182001-161	Cap
7.	1	6182001-152	Connecting Rod
8.	1	6182001-503	Mount DBS
9.	1	SS-179	Screw M8x25 Socket Head Screw
10.	1	6319051	SBS R
11.	1	6214051	Double Iris Diaphragm
12.	1		Camera
13.	1	6134131-107	Bayonet mount
14.	1	6134130-112	Bayonet mount Ring
15.	1	6134131	DSLR Adapter
16.	1	6182001-814	Magnichanger Assembly
17.	1	6165000-191	Grub Screw
18.	1	6182001-849	Front Handle Assembly
19.	1	6182010	NuVar 10 (Pro)



ITEM	QTY.	PART NO.	DESCRIPTION
1.	1	6182001-807	Clutch (ABA)
2.	2	6122011	Eyepieces
3.	1	6122015-811	Ergohead
4.	1	6134115	Rotoplate
5.	4	SS - 802	Screw M5x10CSK
6.	1	6182001-161	Cap
7.	1	6182001-152	Connecting Rod
8.	1	6182001-503	Mount DBS
9.	1	SS-179	Screw M8x25 Socket Head Screw
10.	1	6134160	DBSi
11.	1	6214051	Double Iris Diaphragm
12.	1		Camera
13.	1	6134131-107	Bayonet mount
14.	1	6134130-112	Bayonet mount Ring
15.	1	6134131	DSLR Adapter
16.	1	6182001-814	Magnichanger Assembly
17.	1	6165000-191	Grub Screw
18.	1	6182001-849	Front Handle Assembly
19.	1	6182010	NuVar 10 (Pro)



Manufactured By:

Labo America Inc.
920 Auburn Court
Fremont, CA
94538
U.S.A.

Phone: 510-445-1257

Fax: 510-991-9862

Email:

sales@laboamerica.com

www.laboamerica.com



Labomed Europe b.v

Essebaan 50
2908 LK Capelle aan den IJssel
The Netherlands

Tel: +31 (0)10 4584222

Fax: +31 (0)10 4508251

E-mail: info@labomedeuropa.com

www.labomedeuropa.com



DQS Inc.
Labo America Inc.
Registered to ISO 9001:2015
BR Number 10005565

A16372



ISO 13485:2016

LABOTECH MICROSCOPES INDIA Pvt Ltd