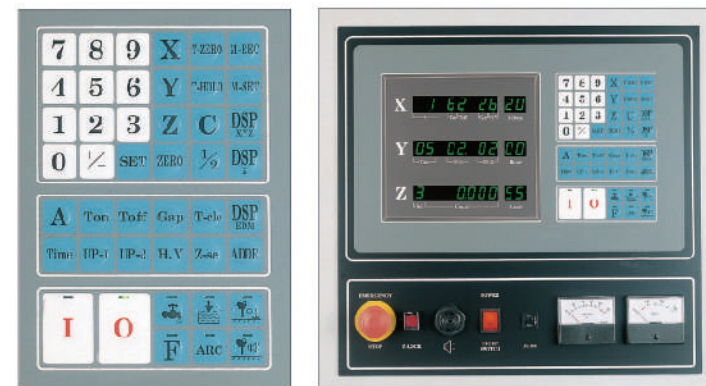


◆ **THE FEATURES OF LS-SERIES EDM:**

1. THE HIGHLY RIGID, FINE-GRAINED CAST IRON MACHINE BASE, COLUMN, TABLE AND TURCITE-B COATED SLIDE-WAYS, PROVIDE STABILITY AND LONG SERVICE LIFE.
2. FOUR SETS OF PRECISION LINEAR BEARINGS(GUIDES) AND GROUND LEADSCREWS (BALLSCREWS FOR LS-550,580,650,2010) ON Z-AXIS. THE X&Y AXES ARE EQUIPPED BALLSCREWS FOR ACCURATE POSITIONING.
3. 20 STEPS PROGRAMMABLE IN Z-AXIS CONTROLLER AND BUILT-IN 3-AXES DIGITAL READOUT, LINEAR SCALES SERVO FEED BACK SYSTEM. RESOLUTION 0.005mm OR 0.0002inch.
4. STANDARD DIGITAL READOUT FUNCTIONS & EDM SAFETY DEVICE LIKE ARCING 1.0mm & FLAME DETECTOR, DIELECTRIC TEMPERATURE & LEVEL SENSOR DETECTOR EMERGENCY STOP & AUTO FIRED DETECTOR & EXTINGUISHER AND POLARITY REVERSE SWITCH COMPLY WITH & SAFETY REQUIREMENT.
5. ADOPT SLOT-INSET DESIGN FOR CONTROL P.C. BOARDS, CONVENIENT MAINTENANCE SIMPLE & CLEAR TOUCH PANEL, ALL DIGITAL EDM PARAMETERS, EASY TO UNDERSTAND & OPERATION.
6. NEW CIS MACHINE COLOR, NEWLY DESIGNED POWER SUPPLY UNIT. COMPLY TO RELEVANT SAFE & HARMANISED STANDARDS AS THE DIRECTIVES 2006/42/EC, AS AMENDED AND 2006/95/EC. CERTIFICATE NO.1317011210. DATE : 08/12/2010. FROM "SAFENET LIMITED" ENGLAND. U.K.

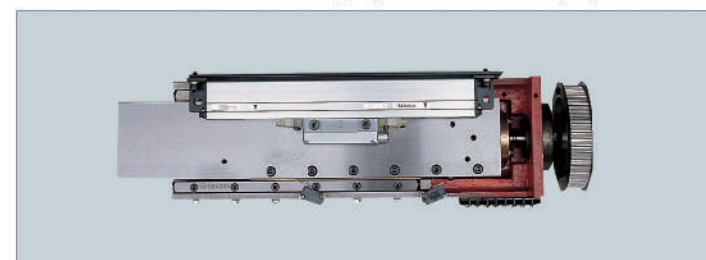
◆ **STANDARD ACCESSORIES:**

1. OPERATION TOOL BOX AND TOOL KIT.
2. FILTERING EQUIPMENT.
3. 1 PC ELECTRODE HOLDER.
4. 1 SET FLUSHING NOZZLE.
5. 1 PC QUARTZ WORK LIGHT.
6. 1 SET CLAMPS.
7. DIGITAL READOUT WITH LINEAR SCALES FOR X,Y,Z AXES.
8. X,Y AXES BALLSCREWS.
9. LUBRICATION SYSTEM.
10. 1 PC AUTOMATIC FIRED DETECTOR & EXTINGUISHER.
11. OPERATION MANUAL & TECHNICAL DATA.



◆ Simplify Design

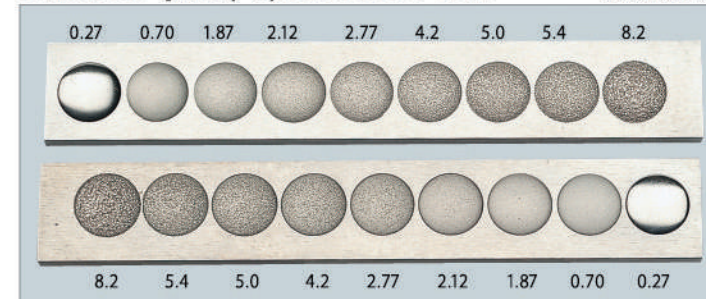
◆ Designed as easy-to-operate panel and programmable DRO displayed



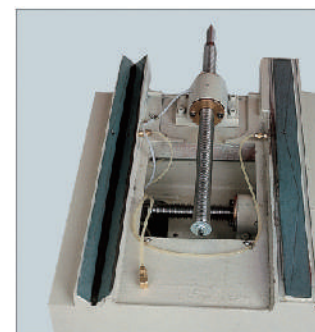
◆ The four sets of precise linear bearing in the servo spindle of Z-axis

Stands for quality by ARISTECH EDM

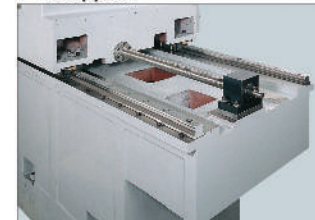
Unit : um Ra



◆ The Test report from MITUTOYO SURTEST.



◆ The VEE & FLAT slide ways coated with turcite-B.Plus hand scrapped



◆ Optional LS-580,650,2010 linear guiders

HIGH PERFORMANCE



◆ The digital control system & varied circuit system and Remote control.



CE MARK CERTIFICATION



ISO-9001 CERTIFICATION



CERTIFICATION OF EXCELLENCE



LIEN SHENG MECHANICAL & ELECTRICAL CO.,LTD.

NO. 225, JEN HWA RD., TA-LI DIST., 41278
TAICHUNG, TAIWAN, R.O.C.

TEL:886-4-24919588 · FAX:886-4-24915275

URL:www.aristech.com.tw

E-mail:sales@aristech.com.tw



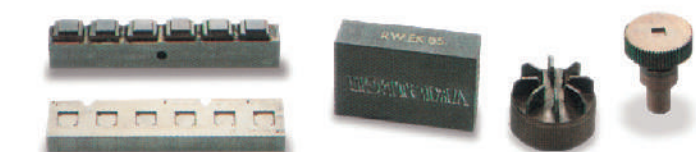
LS-EV11-1604-1500

© DESIGN & PRINT : CHAO CHEN 04-23286393



CE
ISO-9001

ARISTECH®
LS SERIES PROGRAMMABLE E.D.M.





◆ MACHINE UNIT

SERIES NO.		LS-250	LS-350	LS-450	LS-550	LS-580	LS-650	LS-2010
SPECIFIC.								
Work tank(WxDxH)inner size	mm/inch	790x530x340(31.1x20.9x13.4)	950x600x370 (37.4x23.6x14.6)	1,240x710x400(48.8x28x15.8)	1,300x750x500(51.2x29.5x19.7)	1,700x1,050x700(66.9x41.3x27.6)	2,150x1,150x700(84.7x45.5x27.6)	2,900x1,500x700(114.2x59.1x27.6)
Work table size (X x Y)	mm/inch	600x300(23.6x11.8)	650x350x(25.6x13.8)	750x450(29.5x17.7)	800x550(31.5x21.7)	1,100x700(43.3x27.5)	1,400x900(55.1x35.4)	2,240x1,050(88.2x41.3)
Work table travel(X x Y)	mm/inch	300x200(11.8x7.9)	400x300(15.7x11.8)	500x400(19.7x15.7)	600x500(23.6x19.7)	800x500(31.5x19.7)	1,200x700(47.3x27.6)	2,000x1,000(78.7x39.4)
Work head travel (W-axis)	mm/inch	230(9.1)	280 (11.0)	280 (11.0)	330 (13.0)	—	—	—
Ram servo travel (z-axis)	mm/inch	180(7.1)	200 (7.9)	200 (7.9)	250 (9.8)	450 (17.7)	450 (17.7)	550 (21.7)
Max. distant form table surface to electrode hold plate	mm/inch	0-380 (0-14.9)	30-500 (1.2x19.7)	370-680(14.6-26.8)	0-540(0-21.3)	520-970(20.5-38.2)	560-1,100(22.1-43.3)	600-1,150(23.6-45.3)
Max. electrode weight	kgs/lbs	50 (110)	80 (176)	100 (220)	200 (440)	400 (880)	400 (880)	500 (1,100)
Max. workplece weight	kgs/lbs	300 (660)	400 (880)	500 (1,100)	600 (1,320)	3,000 (6,600)	4,000 (8,800)	9,000 (19,800)
External dimension (WxDxH)	mm/inch	1,200x1,200x2,220(49x47.8x87.4)	1,300x1,170x1,980(51.2x46.1x78)	1,500x1,400x2,040(56x55.1x80.3)	1,650x1,500x2,100(65x59.1x82.7)	1,670x1,430x2,180(65.7x56.3x85.8)	2,500x2,500x2,940(98.4x98.4x115.8)	3,000x2,400x3,150(118.14x94.5x124)
Packing dimension (WxDxH)	mm/inch	1,245 1,215 2,220(49 47.8 87.4)	1,395x1,260x2,220(56.9x49.6x87.4)	1,600x1,510x2,210(63x59.5x87)	1,745x1,610x2,270(68.7x63.46x89.4)	2,320x2,280x3,190(91.4x89.8x125.6)	2,340x2,300x2,500(92.2x90.6x98.5)	SEPARATED PACKING IN CONTAINER
Net weight	kgs/lbs	1,050 (2,310)	1,200(2,640)	1,600(3,520)	1,850(4,070)	5,400 (11,880)	6,300 (3,860)	13,000 (28,600)

◆ DIELECTRIC FLUID UNIT

Capacity	LITERS	300	350	360	400	1,000	2,000	4,200
Filter paper/pump	PCS	2/1PC	2/1PC	2/1PC	4/2PCS	6/2PC	6/2PCS	6/2PCS
External dimension (WxDxH)	mm/inch	BUILTIN	760x1,100x500(29.2x43.3x19.7)	930x1,200x500(36.7x47.3x19.7)	940x1,500x500(37x59.1x19.7)	3,000x1,300x420(118x51.2x16.5)	2,400x1,100x470x1PC(94.5x43.3x18.5) 2,600x1,100x470x1PC(102.4x51.2x18.5)	3,000x1,500x470x2PCS(118.1x59x18.5)
Packing (WxDxH) Dimension	mm/inch	BUILTIN	880x1,210x1,025(34.7x47.6x40.4)	1,050x1,320x1,025(41.4x52x40.4)	1,060x1,640x1,025(47.1x64.6x40.4)	1,550x2,515x970(61x99x38.2)	2,700x1,250x1,660(106.3x49.2x65.4)	DEPEND ON THE REQUIRED
Net weight	kgs/lbs	BUILTIN	100(220)	120(264)	220 (484)	300 (660)	750(1,650)	DEPEND ON THE REQUIRED

◆ POWER SUPPLY UNIT (GENERATOR)

MODEL NO.	LSP-30A	LSP-50A	LSP-75A	LSP-100A
SPECIFIC.				
Nominal current(A)	30	50	75	100
Max.Power consumption(KVA)	3	4.5	6	10
Max.material removal rate(mm ³ /min)	180	350	550	700
Electrode wear rate(%)	≤0.3			
Best surface roughness(μm,Ra)	0.3			
External dimension(WxDxH)	710x890x1,750			830x1,000x1,750
mm/inch	(28x35x68.9)			(32.7x39.4x68.9)
Packing dimension(WxDxH)	840x1,000x2,015			970x1,130x1,955
mm/inch	(33.1x39.4x79.3)			(38.2x44.5x77)
New weight(kgs/lbs)	165/363	180/396	190/418	220/440

※ NOMINAL CURRENT 150A,200A,300A AVAILABLE FOR 580,650,2010.
※ SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.