

MICROPAK-2LA

User's Manual

Mitutoyo

Table of Contents

Chapter		Page
1.	Introduction to MICROPAK-2LA	
1.1	Introduction	1
1.2	MICROPAK-2LA Features	1
1.3	System Configuration	1
2.	Description	
2.1	Description	3
2.2	Front Panel Controls and Indicators	3
2.3	Rear Panel	10
3.	Operation	
3.1	General Operation	13
3.1.1	Zero Setting the X-axis Display	13
3.1.2	Zero Setting the Y-axis Display	14
3.1.3	Presetting the X-axis Display	14
3.1.4	Presetting the Y-axis Display	14
3.1.5	Using the Skew Function	15
3.1.6	Using the Distance Function	16
3.1.7	Using the I-CL Function	17
3.1.8	Using the Angle Function	18
3.1.9	Using the Orthogonal Function	19
3.1.10	Using the Bisector Function	20
3.1.11	Store	21
3.1.12	Recall	21
3.1.13	Using the I-CC Function	21
3.1.14	Using the Curve Function	23
3.1.15	Using the Circle Function	24
3.2	Advanced Operation	24
3.2.1	Calculating the Distance Between Two Circles Using Memory Store/Recall	25
3.2.2	Using Incremental Mode to Determine the Positions of the Centers of Circles With Respect to the Origin and With Respect to Each Other	27
4.	Specifications	
4.1	General Specifications	29
4.2	Assignments and Settings for Switches SW1 Through SW8	30
5.	Error Messages	
5.1	Error Messages	33
6.	Package Information	
6.1	Standard Package Information	35
6.2	Optional Accessories	35

Table of Contents

Figure		Page
1-1.	System Configuration	1
2-1.	Front Panel Controls and Indicators	3
2-2.	Rear Panel Controls and Indicators	10
3-1.	Example Template	13
3-2.	Skew Function	15
3-3.	Distance Function	16
3-4.	I-CL Function	17
3-5.	Angle Function	18
3-6.	Orthogonal Function	19
3-7.	Bisector Function	20
3-8.	I-CC Function	22
3-9.	Curve Function	23
3-10.	Circle Function	24
3-11.	Calculating the Distance Between Two Circles Using Memory Store/Recall .	26
3-12.	Using INCREMENTAL Mode to Determine the Positions of the Centers of Circles With Respect to Both the Origin and Each Other	28
Table		Page
4-1.	General Specifications	29
4-2.	SW1 Settings	30
4-3.	SW2 Settings	30
4-4.	Resolution (SW1 Settings)	31
4-5.	SW3-SW8 Settings	31
5-1.	Error Messages	33
6-1.	Standard Package Information	35
6-2.	Optional Accessories	35