FEATURES	MODELS												
	V2 SERIES				V3 SERIES				PMD SERIES				XTREME SERIES
	1X-PEARL	2X-PEARL	3X-PEARL	3X-SPARK	1X-PEARL	2X-PEARL	3X-PEARL	4X-PEARL	PMD-1X	PMD-2X	PMD-3X	PMD-RX	XTREME+ 3X/4X
NO OF AXES	1	2	3	3	1	2	4	4	1	2	3	1	3/4
INTERACTIVE MESSAGE DISPLAY	*	*	*	*	*	*	*	*					
DISPLAY TYPE	7 SEG	7 SEG	7 SEG	7 SEG	7 SEG	7 SEG	7 SEG	7 SEG	7 SEG	7 SEG	7 SEG	7 SEG	GRAPHICAL
RADIUS/DIAMETER CONVERSION	*	*	*	*	*	*	*	*					*
INCH/MM CONVERSION	*	*	*	*	*	*	*	*	*	*	*		*
INC/ABS CONVERSION	*	*	*	*	*	*	*	*	*	*	*	*	*
ZERO RESET	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESET	*	*	*	*	*	*	*	*					*
DIMENSION DEFINE	*	*	*	*	*	*	*	*					*
NO OF DATUMS	1	1	1	1	1	6	6	6	1	1	1	1	1
MACHINE REFERENCE	*	*	*	*	*	*	*	*					*
HOMMING	*	*	*	*	*	*	*	*					*
BOLD HOLE CALCULATIONS	*	*	*	*	*	*	*	*					*
NON VOLATILE MEMORY BACKUP	*	*	*	*	*	*	*	*	*	*	*	*	*
MEASURING RANGE IN MM	+/- 0-9999	+/- 0-9999	+/- 0-9999	+/- 0-9999	+/- 0-99999	+/- 0-99999	+/- 0-99999	+/- 0-99999	-999 TO 9999	-999 TO 9999	-999 TO 9999	0-360 DEGREE	+/- 0-9999
POWER SAVING MODE	*	*	*	*	*	*	*	*	*	*	*	*	*
LINEAR ERROR COMPENSATION	*	*	*	*	*	*	*	*	*	*	*	*	*
ANGULAR ERROR COMPENSATION					*	*	*	*					
NON LINEAR ERROR COMPENSATION					*	*	*	*					*
TOOL OFFSET - NO OF TOOLS		10	10			20	20	20					100
PROGRAMMING BLOCKS /STEPS	100	100	100	100	2000	2000	2000	2000					10000
DIRECTION SELECT	*	*	*	*	*	*	*	*	*	*	*	*	*
SELECTABLE ENCODER RESOLUTION					*	*	*	*					*
SELECTABLE DISPLAY RESOLUTION	*	*	*	*	*	*	*	*	*	*	*	*	*
0-9 KEYS KEYBOARD	*	*	*	*	*	*	*	*	*	*	*	*	*
CALCULATOR		*	*	*	*	*	*	*					*
PSD (ZERO) OUTPUT FOR EDM				*									
HALVING FUNCTION	*	*	*	*	*	*	*	*					*
CENTER OF CIRCLE	*	*	*	*	*	*	*	*					*
APPROACH ZERO WARNING	*	*	*	*	*	*	*	*					*
OPERATIONS IN DEGREES					*	*	*	*			ONLY 3RD AXIS	*	*
DEGREE/DMS CONVERSION					*	*	*	*			ONLY 3RD AXIS	*	ONLY 4th AXIS
AXIS CONVERSION (LINEAR/ANGULAR)					*	*	*	*					
COUNTING FREQUENCY	2MHZ	2MHZ	2MHZ	2MHZ	3.75 MHZ	3.75 MHZ	3.75 MHZ	3.75 MHZ					*
SELECTABLE DISPLAY REFRESH					*	*	*	*					*
DRILL ON LINE /CIRCLE/ARC/MATRIX/FRAME					*	*	*	*					*
MIRRIORING/SCALING					*	*	*	*					*
CONSTANT SURFACE SPEED OUTPUT					OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL					
TAPER TURNING					*	*	*	*					
JOB CLOCK					*	*	*	*					*
FEED RATE DISPLAY					*	*	*	*					*
DIRECT DXF LOADING FACILITY					*	*	*	*					*
AXES SUMMING/ VECTORING					*	*	*	*					
POLA CO-ORDINATES					*	*	*	*					*
Z+Q								*					
SERIAL RS232 INTERFACE					*	*	*	*					*
SKEW A PART					*	*	*	*					*
PROGRAMABLE 6 RELAY O/P PULSE/LEVEL TYPE					OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL					
TOUCH PROBE INTERFACE						OPTIONAL	OPTIONAL	OPTIONAL					*
INFRARED REMPTE KEYBOARD					*	*	*	*					*
XY , YZ ,XZ INTERPOLATION					*	*	*	*					*
REMOTE CONSOLE WIRELESS/WIRED								OPTIONAL					
BACKLASH COMPENSATION					*	*	*	*					OPTIONAL
2D CMM MEASURING FUNCTIONS													*
LINE,CIRCLE,ARC,DISTANCE,ANGLE ETC													*
PART TOLARANCE													*
2D DRAWING PLOT ON SCREEN													*
FOOT SWITCH INTERFACE													OPTIONAL