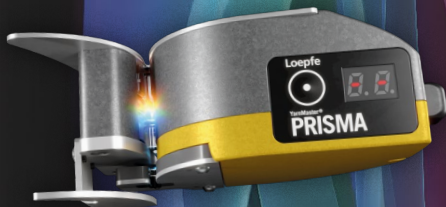


YarnMaster®

PRISMA POCKET CARDS



YM PRISMA TK DISPLAY CODES		
GENERAL STATES		
--	Yarn runs between +/-5% difference	If difference is over +/-5% line goes up [+] or down [-]
B.B.	Startup after reset	
. .	Zeroing (ECR)	
PS	Wait for parameter from spindle	
PL	Wait for parameter from Central Unit (LZE)	
PR	Spindle locked, group not started	
Rd	Adjust	
do	Doffing	
UF	Update TK firmware	
SYSTEM CUTS		
o0	Cut request from spindle	
o1	Zeroing error	
o2	Cut by user (TK button)	
o4	F brightness regulator limit	
o5	Adjust cut	
o6	Cut failed	
o7	M range regulator limit	
o8	Adjust failed	
o9	TK configuration changed by LZE	
oA	Spindle power fail	
oF	Internal firmware error	
o3 oB oC	not used	
oD oE	not used	

ALARMS			
AL	10	There is still yarn and/or yarn remains in measurement channel	Check meas. channel, Check knife
AL	20	Zeroing failed (D ECR)	5 failed zeroing cycles by o1 cut, Clean sensors, Replace TK.
AL	21	Zeroing failed (M ECR)	
AL	22	Zeroing failed (F ECR)	
AL	23	Yarn detected in D channel	Clean measurement channel
AL	24	Yarn detected in M channel	
AL	25	Yarn detected in F channel	
REPEAT ADJUST			
AL	30	Adjust failed	Repeat with new bobbin, Clean D sensor, repeat adjust. Clean D sensor of all TKs in group, Repeat adjust.
		Faulty bobbin or soiled measuring field	
AL	31	Adjust outside the limit	Repeat adjust with new bobbin.
		Threshold value exceed	
CONTACT LOEPFE SUPPORT			
AL	40	F-Sensor activated but not detected	Change the settings of TK type of the group, Replace TK.
AL	41	P-Sensor activated but not detected	
AL	42	Sensing head temp. above limit.	Reset alarm, Press TK test button, Replace TK.
		Sensing head I°C temperature over 85°C	
AL	43	I°C blocked – Fatal error on internal I°C serial bus	
AL	44	DRV knife reel failed	
		Input signal of knife reel is missing	

CONTACT LOEPFE SUPPORT		
	Sensing head incompatible	
<i>AL 45</i>	At least one TK hardware component is not compatible with firmware	Reset alarm, Press TK test button, Replace TK.
	Knife not available.	
<i>AL 46</i>	Knife not configured in Flash or CLPD Or loose connector from knife	

CONTACT OEM OR LOEPFE SUPPORT		
<i>AL 50</i>	DRV knife power supply failed, Threshold exceed	
<i>AL 51</i>	DRV external voltage supply failed, 5V power supply limit exceeded	
<i>AL 52</i>	NTP (Drum) signal check failed, 10s NTP signal not detected during running with yarn	Reset alarm, Press TK test button, Replace TK.
<i>AL 53</i>	Spindle does not respond. After a cut spindle doesn't respond for 15 s	

TK DISPLAY CUT CODES						
D/M SENSORS CUTS						
Display Mode: Type			Display Mode: Class			
NSLT Cuts						
<i>n</i>	Nep	0.1cm-0.5cm	<i>n0 n4</i>	N0-N4	Nep classes	
<i>S</i>	Short	0.5cm-8cm	<i>RD R4</i>	A0-A4	0.5cm-1cm	Short Classes
<i>L</i>	Long	8cm-128cm	<i>b0 b4</i>	B0-B4	1cm-2cm	
<i>t</i>	Thin	1cm-128cm	<i>CO C4</i>	C0-C4	2cm-4cm	
			<i>d0 d4</i>	D0-D4	4cm-8cm	
	N, S, L, T -unclassified		<i>CO DO</i>	C00-D00		
<i>n-</i>	Nep		<i>E</i>	E	8cm-128cm	Long Classes
<i>S-</i>	Short		<i>F FO</i>	F and F0	8cm-32cm	
<i>L-</i>	Long		<i>FO GO</i>	F00 and G00		
<i>t-</i>	Thin		<i>G G0</i>	G and G0	32cm-128cm	
Alarm cuts			<i>b1 b2</i>	B1-B2	1cm-2cm	Thin Classes
<i>bb</i>	Bobbin startup alarm cut		<i>CO C2</i>	C0-C2	2cm-4cm	
<i>CR</i>	Class alarm cut		<i>D0 D2</i>	D0-D2	4cm-8cm	
<i>OR</i>	Offlimit alarm cut		<i>H0 H2</i>	H0-H2	12cm-32cm	
<i>IR</i>	IPI alarm cut		<i>I0 I2</i>	I0-I2	32cm-128cm	
			<i>CP</i>	Compactness +		
			<i>CP-</i>	Compactness -		

Splice cuts		Cluster* cuts		
<i>Jn</i>	Splice cut Nep	<i>nC</i>	Nep cluster	[1m-80m]
<i>JS</i>	Splice cut Short	<i>SC</i>	Short cluster	[1m-80m]
<i>JL</i>	Splice cut Long	<i>LC</i>	Long cluster	[1m-80m]
<i>Jt</i>	Splice cut Thin	<i>tC</i>	Thin cluster	[1m-80m]
<i>SA</i>	Splice accumulation cut		* Accumulation of yarn faults	

Special cuts		Yarn Count cuts		
<i>bu</i>	Bunch cut	<i>Sc</i>	Short count +	[1m-10m]
<i>UP</i>	Upper yarn cut	<i>Sc.</i>	Short count -	[1m-10m]
<i>dC</i>	Drum wrap cut	<i>Dc</i>	Off count +	[10m-50m]
<i>dE</i>	Drum wrap event	<i>Dc.</i>	Off count -	[10m-50m]

Core yarn cuts		Surface Index cuts		
<i>nc</i>	Missing core [2m-50m]	<i>SF</i>	SFI/D + (SurfacelIndex)	[10m-80m]
<i>cc</i>	Offcentric core [0.2m-50m]	<i>SF.</i>	SFI/D - (SurfacelIndex)	[10m-80m]
Length Limit (Count, SFID, Offcolor)		<i>c</i>	Short SFI/D +	[1m-10m]
<i>LL</i>	Length Limit cut	<i>c.</i>	Short SFI/D -	[1m-10m]

F SENSOR CUTS				
Display Mode: Type		Display Mode: Class		
Dark Foreign Matter				
<i>FF</i>	Dark foreign matter	<i>S1 S4</i>	D S1 - D S4	0.1cm-1cm
		<i>I1 I4</i>	D I0 - D I4	1cm-2cm
		<i>R1 R4</i>	D R0 - D R4	2cm-4cm
		<i>O1 O4</i>	D O0 - D O4	4cm-12.8cm

Organic Foreign Matter				
<i>F.F</i>	Organic foreign matter	<i>S1 S4</i>	O S.1 - O S.4	0.1cm-1cm
		<i>I1 I4</i>	O I.0 - O I.4	1cm-2cm
		<i>R1 R4</i>	O R.0 - O R.4	2cm-4cm
		<i>O1 O4</i>	O O.0 - O O.4	4cm-12.8cm

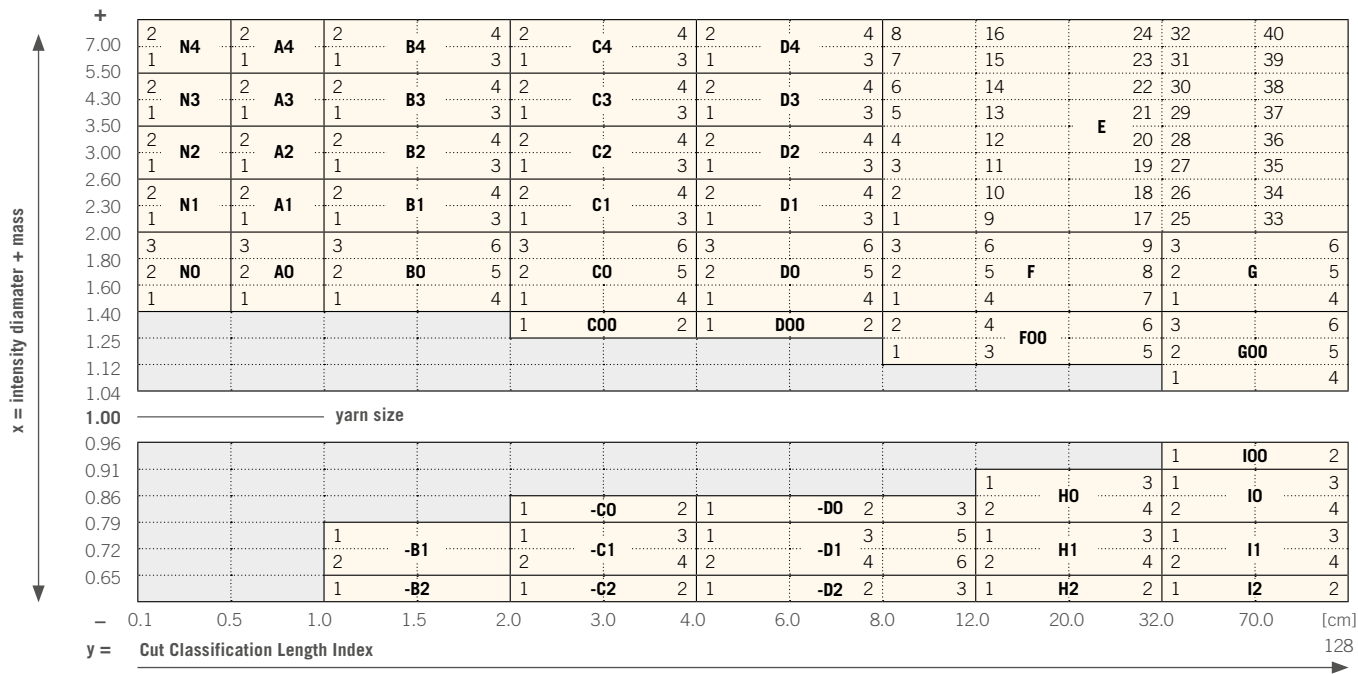
Bright Foreign Matter				
<i>FF.</i>	Bright foreign matter	<i>S1 S4</i>	B S1 - B S4	0.1cm-1cm
		<i>I1 I4</i>	B I0 - B I4	1cm-2cm
		<i>R1 R4</i>	B R0 - B R4	2cm-4cm
		<i>O1 O4</i>	B O0 - B O4	4cm-12.8cm

Special F Cuts				
<i>FC</i>	F Cluster Dark	Accumulated foreign matter or dirty & oiled parts of yarn [1m-80m]		
<i>FC.</i>	F Cluster Bright			
<i>DF</i>	F Offcolor Dark	Shade variation of yarn color [1m-50m]		
<i>DF.</i>	F Offcolor Bright			

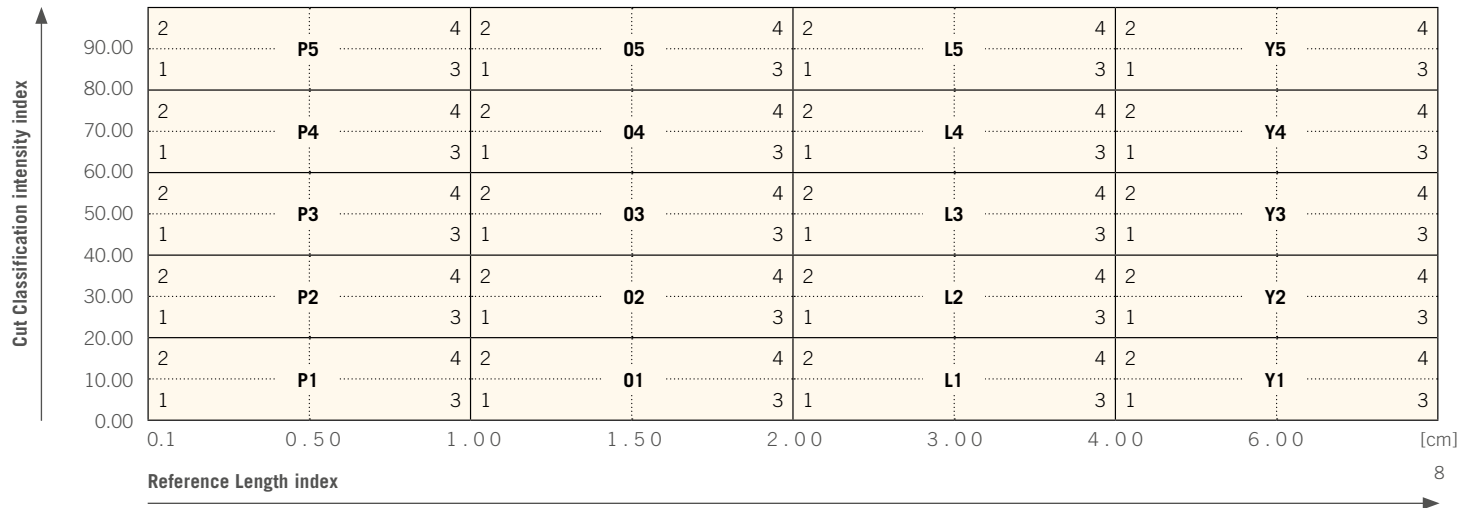
P SENSOR CUTS				
Display Mode: Type		Display Mode: Class		
<i>PP</i>	Synthetic foreign matter cut	<i>P1 P5</i>	P1 - P5	0.1cm-1cm
		<i>O1 O5</i>	O1 - O5	1cm-2cm
		<i>L1 L5</i>	L1 - L5	2cm-4cm
		<i>Y1 Y5</i>	Y1 - Y5	4cm-8cm

- In case of alarm cuts (NSLT, F, P etc) display starts blinking with reason of cut

NSLT clearing – Classification Matrix

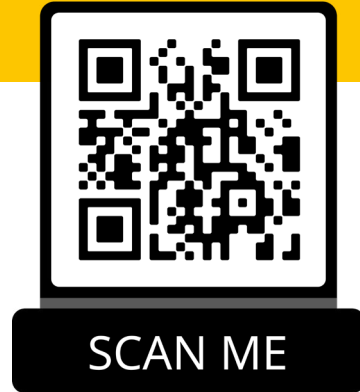


P clearing – Classification Matrix



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