

SIMPASCAN

DIRT LABORATORY ANALYSER FOR LARGE SIZED PAPER SAMPLES AND PULP SHEETS

ACCURATE MEASUREMENT OF INK, DIRT, SHIVES AND STICKIES

SIMPASCAN is a laboratory sensor dedicated to an accurate dirt counting on:

- a paper sheet by **reflected light**
- a pulp sheet by **transmitted light**

Thanks to the powerful led system SIMPASCAN is able to perform scan of individual pulp sheet either by reflected light or by transmission according to ISO standards.

A RELIABLE and POWERFUL TOOL

- Linear camera 12 288 pixels
- Resolution 400-450 dpi (pixel size 57-67 μm)
- Maximal width of the measurement area of 83 cm
- Analysis time < 1 minute
- **Dimensions (IWh) 1m x 1m x 1m20**



Calibration of the measuring system according to the EFGP standard (CENT/TC 172).

Detected objects

- Black spots (63 μm)
- Grey spots
- Shives, Stickies

Friendly software

1 MEASUREMENT WINDOW

- Individual investigation of each detected spot
- Results table (configurable)

1 CONFIGURATION WINDOW

- ISO classes
- 11 configurable classes

Numero	Type	Surface	Contraste	Classe	Cont. Max
1	Buch	0.007	25	0.040 / 0.150	
2	Buch	0.404	19	0.400 / 1.000	
3	Buch	0.202	20	0.150 / 0.400	
4	Buch	0.007	17	0.040 / 0.150	
5	PB	0.060	24	0.040 / 0.150	
6	PB	0.056	21	0.040 / 0.150	
7	PB	0.056	25	0.040 / 0.150	
8	PB	0.056	21	0.040 / 0.150	
9	PN	0.056	20	0.040 / 0.150	
10	PN	0.056	17	0.040 / 0.150	

	0.010 / 0.040	0.040 / 0.150	0.150 / 0.400	0.400 / 1.000	1.000 / 5.000	5.000 / ...	Somme	Erreur
Black Dots Area	3	112	5				120	18
Black Dots Num	145	1771	18				1935	18
buchettes		37	18	18			73	100

	0.010 / 0.040	0.040 / 0.150	0.150 / 0.400	0.400 / 1.000	1.000 / 5.000	5.000 / ...	Somme	Erreur
Somme	3	106	6				115	11
Black Dots Area	3	106	6				115	11
Black Dots Num	116	1649	24				1789	11
buchettes		85	37	6			128	44

Configuration window showing parameters for measurement, including ISO classes, surface area, and detection settings.



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