SIMPATIC 2IP

ON-LINE ANALYSIS OF DIRT, INK OR SHIVES IN STOCK

The Simpatic 2IP is the result of 15+ years of experience in deinking and pulp cleanliness research dedicated to the development of instruments to create solutions in this area.   The Simpatic 2IP is the perfect tool for on-line particle detection, is simple to install, easy to use and perfectly representative of the process contamination.

New IP Camera:

Plug and Play (easy installation)
Multiviewer on mill network
Higer frame rate grabbing
Better Image quality & background correction

Automatic luminancy regulation
3 programmable 420mA outputs built in with the new upgrade,
2 programmable relay outputs with the upgrade,
Less noise sensitive
No Computer inside

Calibration : (calibration procedure included)
        calibration chart,
        focus adjustment,
        automatic work out of real resolution

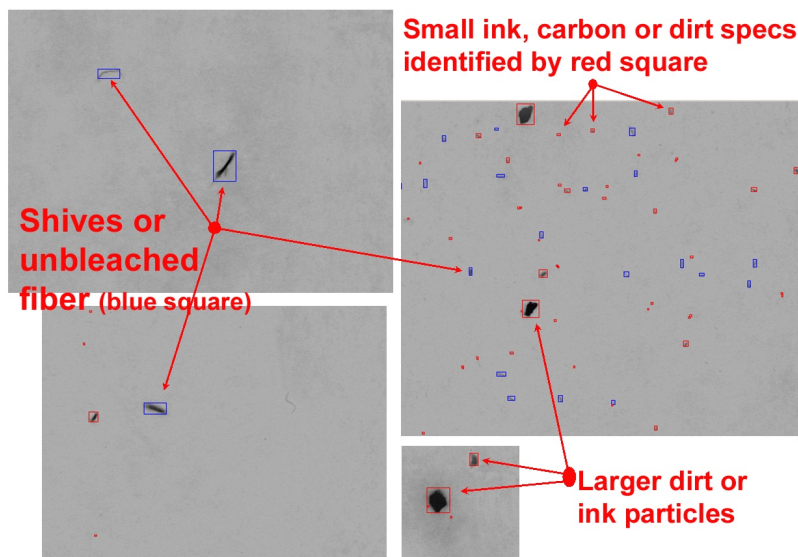**Large Volume of Pulp Inspected
(approximately 1,5 m³/h)**

Detection of all Contrasted Contaminants:

These contrasted contaminants include dirt, ink, shives, colored plastics, sand, bark, stone cells, carbon and any other contrasted particle that would cause paper quality problems.

REAL-TIME MEASUREMENT & DISPLAY BASED ON AN ANALYSIS OF 30 IMAGES / SECOND

Rugged construction for continuous intensive use

The Simpatic 2IP is built to operate 24/7 under extreme operational conditions. The system has no moving parts leading to minimal maintenance requirements. Techpap offers remote maintenance & diagnostics using the internet and our secure communication link.

Small ink, carbon or dirt specs identified by red square

Shives or unbleached fiber (blue square)

Larger dirt or ink particles

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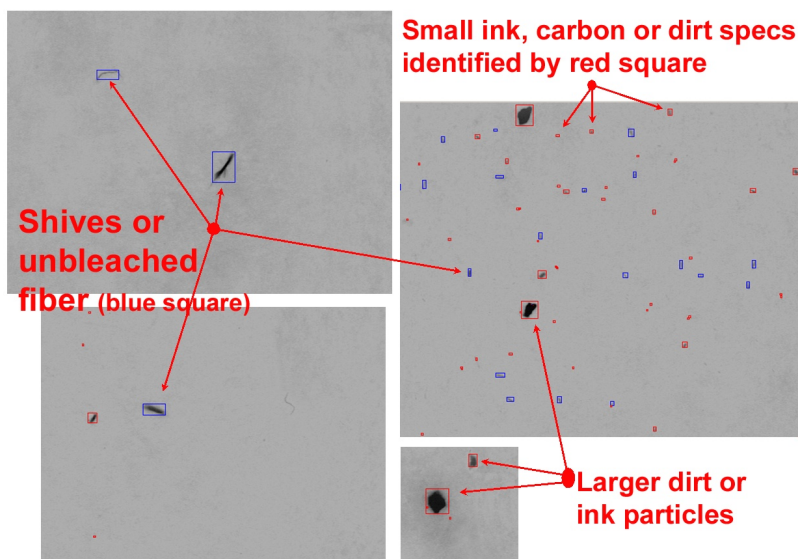
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SIMPATIC SAMPLER

MOST SIMPATIC INSTALLATIONS USE A DIRECT BYPASS CONNECTION FROM A PULP PIPE, HOWEVER; IN CERTAIN CASES ALTERNATIVE SOLUTIONS WORK BETTER, SUCH AS:

High Consistency sampler

Multi Sampler Relay System
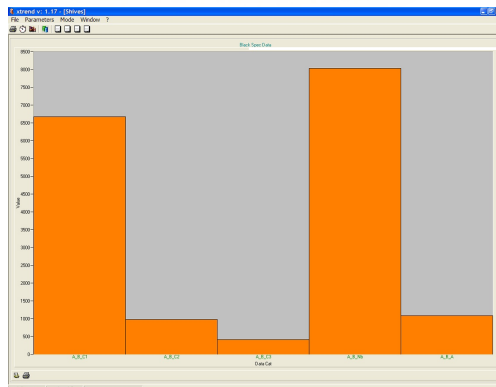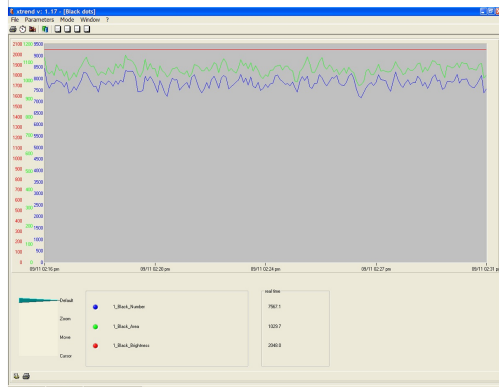
High Consistency Samplers

For some special applications where precise dilution is required, Techpap has developed the high consistency pulp sampler. This sampler has a range from 2 to 6% diluted down to 0.1-1% depending on pulp. It is easy to install and requires very little maintenance.

Multi Sampler Relay System

With this relay system multiple streams of pulp can be sampled through a single Simpatic2IP. This relay system is ideal for installations where pulp only needs spot checking, 100% sampling is not required. This system features adjustable sample timing and frequency.

X-Trend User Friendly Software for Data Collection

- Runs under the Windows Operating System
- Provides image display for all sample points
- Can be networked to a Data Historian or DCS
- Can be used on multiple user workstations
- Can control up to 6 Simpatics
- Provides a data history and archives all data
- Delivers statistical information on all data

SPECIFICATIONS

Material of Construction	316L Stainless Steel
Dimensions	70 x 50 x 25 cm (H x L x D)
Weight	40 kg (110 pounds)
Resolution	100 µm (50µm possible)
Pulp Flow	2 - 4 m³/h
Max Pulp Pressure	2 bars
Camera	IP Gibabit Camera B&W or Color
PC	To be delivered by the Mill (In option)

Please contact our certified representative:

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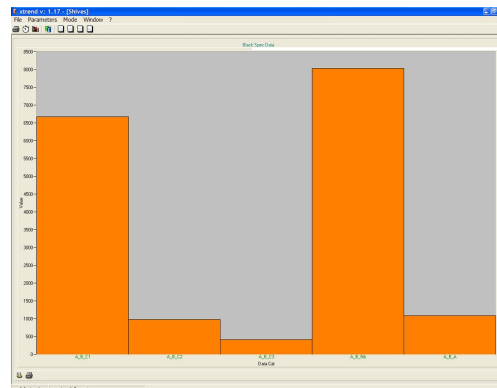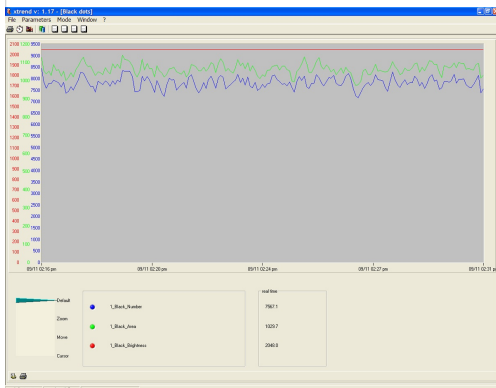

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