Roll Hardness Measurement Made Easy

Continuing the success of the original Roll Quality Profiler introduced in 2003 by Tapio Technologies Oy the new RQP offers roll hardness measurement with even more possibilities.

The new RQP v2.0 Wireless is advanced paper roll analyzer which can be used both paper and machine roll as well as plastic film roll or aluminium foil roll analysis. The penetration of the hammer is also measured providing new interesting information about the measured surface.

Measurement results are saved to a standard SD card. The measurement head communicates with PC wirelessly using Bluetooth or wired with the USB cable. Built-in barcode reader makes the sample identification easy.

Applications:

Customer rolls
- customer rolls quality control
- avoid customer complaints
- maximize customer satisfaction

Roll ends
- winder tension profile control
- reliable, non destructive method

Parent reels
- process control
- caliper profile control
- better runnability, less broke

Machine rolls
- roll grinding control
- roll surface releasing problem
Main features

Measurement frequency

30 Hz, 30 hits/s

Connectivity

Secure Digital card up to 1GB
Bluetooth v2.0
Up to 30m
built-in camera, 1-30cm
USB

Battery

4 x AA batteries, rechargeable
2500mAh or better (per battery)
2 hours (continuous)
up to 5 hours
external, any standard AA charger can be used

Physical Dimensions

190 x 75 x 105mm (H x W x D)
1.25 kg (incl. batteries)