

LASER FORMATION SENSOR

The laser beam's vision at the heart of the process



The device

The measuring head is U-framed, composed of two tubes of anodized aluminium. The sheet is analyzed by transparency as in traditional visual examination.

The electronic system. Located in a rack, it is composed of a data processing module and a table type recorder. The rack is delivered in a chest and can be installed in a 19 inch cabinet.

The formation index displayed is a representative global indication of the formation of the sheet.

The results

The formation index elaborated in this way correlates very well to the visual observation of the paper, is independent from the observer, the size of the flock, the basic weight and is very easy to interpret (global index represented by a single value).