

Caliper L module

Valmet Paper Lab

Caliper L module measures the thickness (caliper) of paper and board and reports the result in micrometers (μm).

The sample is clamped between a freely floating measurement head and a backing, and sample thickness is determined. Backing diameter and clamping pressure are dependent on the selected standard.

Measurement according to the following standards:

- Caliper L TAPPI module K25690: TAPPI T411
- Caliper L ISO module K25223: ISO 534
- Caliper L JIS module K25691: JIS P8118

Option: Mechanical cleaning module K26505, size 1x1.



Benefits for the papermaker

Fast and accurate measurement of paper and board thickness

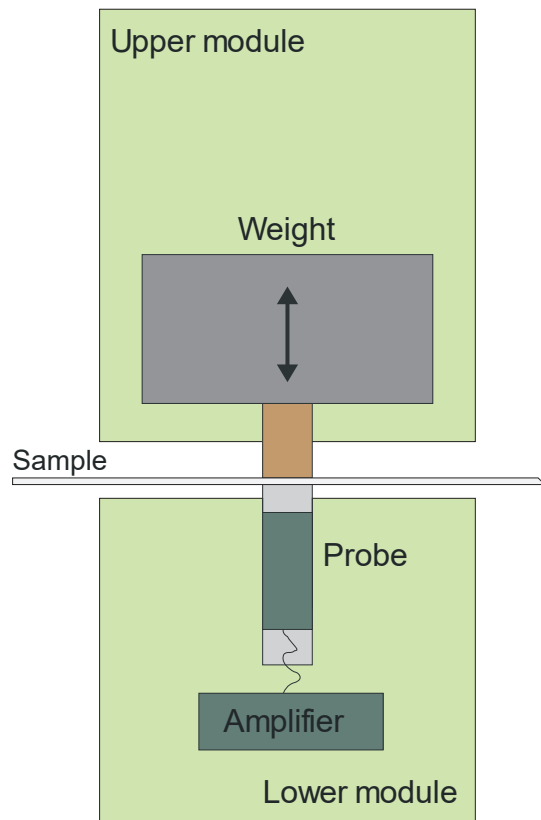
Possible to measure 20 mm resolution profile

Module available in three different standards

Measuring range up to 2000 μm

Technical data

Size (cells)	1
Weight	upper module 4.4 kg (9.7 lbs) lower module 1.6 kg (3.5 lbs)
Measuring range	
- Caliper [μm]	0–2000
- Caliper [mil]	0–78
Backing diameter	
- ISO, TAPPI	16 mm (0.63")
- JIS	14.3 mm (0.56")
Clamping pressure	
- ISO	100 kPa (14.5 psi)
- TAPPI	50 kPa (7.3 psi)
- JIS	53.9 kPa (7.8 psi)



Caliper L cleaning module K26505

- Installed next to Caliper L module
- Cleans the measuring heads mechanically
- Cleaning is done during autocalibration

