

Cail & Fletcher Monotrac Brix Probe



The cost-efficient probe to monitor
your batch and continuous pans

- Cost effective
- Suitable for low to medium purity products (< 90% apparent purity)
- Massecurite impedance measurement at 10 MHz frequency
- Proven and enduring technology
- Direct and accurate Brix measurement surface (No dual antenna)
- Built-in self-cleaning device (optional solution)

A reliable and proven technology resulting in significant operational savings.

PROCESS PARAMETERS

Moisture	8 to 50% water content
Brix	50 to 92°Bx
Purity	Up to 90%
Temperature	
— max. process temperature (for short periods)	200°C
— ambient	up to 60°C*

*For transducer

MAIN CHARACTERISTICS

Material	
— Body	Stainless steel 304
— Probe	Stainless steel
Length of probe*	
— Short probe (for batch pans)	229 mm
— Long probe (for continuous vacuum pans)	349 mm
Rate of sensor at tip of probe	IP65
Power supply	24V (+/- 15% dc)
One analogue output, configurable (optional)	0/4-20mA

*Other lengths available on request

OUTSTANDING PERFORMANCES

- Good resistance to purity changes
- Quick fitting and removal by screws
- Transducer separated from the probe
- Output given in °Bx
- Easy probe calibration
- Excellent repeatability

MAJOR GAINS

- Reduction of inconsistencies
- Less steam consumption
- Consistent sugar quality
- Less water request
- Increase in sugar production
- Less sucrose losses in molasses



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