

# Cail & Fletcher Hydrotrac Brix Probe



Optimize your operations and reduce your costs with our most advanced Hydrotrac Brix probe

- 800 MHz microwave technology for brix control
- Easy to calibrate
- Utilization for all purities and Brix >50
- Built-in self-cleaning device (optional)

# The new generation of Hydrotrac probes to monitor your operations with live and accurate Brix measurement.

## PROCESS PARAMETERS

Moisture	2 to 50% water content
Brix	50 to 98°Bx
Utilization	for all purities
Temperature — in operation — max. process temperature (for short periods) — ambient	up to 125°C 140°C up to 60°C
Measurement refresh rate	25 times/sec. (approx.)
Sensing volume*	4 <sup>**</sup>

\*Above the faceplate with a sphere of approx. 100 mm diam.  
\*\*May vary depending on the material.

## MAIN CHARACTERISTICS

- Body: Stainless steel 304
- Faceplate: Ceramic
- Sealed for life warranty
- Direct and accurate Brix measurement surface (No dual antenna)
- Integrated temperature sensor
- Mounting: Stainless steel flange, diameter 105mm (4")
- Sensor: rated to IP65
- Power Supply: +15V to +30V dc, 4 Watts max
- Military standard cable IP67
- Configuration software package Hydro-Com and serial data cable to setup and calibrate the probe
- Two analogue outputs, configurable 0/4-20mA, to indicate moisture/brix, and/or process temperature (optional)
- Opto-isolated RS485 2-wire port for communications with a PC for calibration and for access to additional internal information (optional)



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## CONTACT

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## OUTSTANDING PERFORMANCES

- Automatic operation of batch and continuous vacuum pans
- Applicable on wide range of equipment: evaporators, centrifugals, storage tanks, massecuite receivers and crystallizers
- Detection of brix changes from 0.1% (brix > 80%) to 0.5% (brix < 60%)
- Excellent repeatability of on-site measures
- Low susceptibility to scaling and incrustation

## OPTIMIZED OPERATION THANKS TO THE HYDRO-VIEW TOUCH SCREEN

- Simple interface providing quick and easy Hydrotrac calibration
- Built-in memory for saving the calibration point
- Clear display of trend graph or numeric measurements
- One Hydro-view only for up to 16 probes



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