

# DAIRY PLANT AUTOMATION

## WPC/MPC optimization

Boost sustainability and savings in WPC or MPC processes with Au2mate

Optimize your ultrafiltration (UF) processes with Au2mate, developed in collaboration with FOSS. Our software package seamlessly integrates advanced FOSS instruments to deliver real-time protein measurements, precise flux control, and significant annual savings.

Annual cost savings of €75,000 per plant from improved product yield alone is not uncommon

So take your WPC/MPC production to the next level with enhanced efficiency, sustainability, and profitability.

### KEY BENEFITS

- **Enhanced Product Quality:** Monitor protein content directly to consistently meet strict product specifications, e.g. WPC80.
- **Dynamic Process Control:** React in real time to variations as small as 0.05% protein, reducing outlet fluctuations by 50%.
- **Cost Savings & Efficiency:** Reduce energy usage, minimize cleaning cycles, and extend membrane lifespan.
- **Sustainability:** Save resources while ensuring high-value production processes.

### TAKEAWAY

Replacing a refractometer with a ProcessScan 2 or ProFoss 2 offers significant advantages in whey concentration applications like WPC80 production. While refractometers provide basic total solids data,

FOSS process instruments deliver detailed compositional insights, enabling more accurate flux calculations, better process control, and consistent product quality. For high-value applications, this upgrade can significantly enhance efficiency and profitability.

