

EMEC



YOUR NEXT STEP

PRISMA



www.emecpumps.com

OUR BEST DOSING PUMP SOLUTION

PRISMA stepper motor-driven dosing pump has been designed by EMEC to be the best solution for offering high-accuracy metering and extreme reliability.

Thanks to the new stepper motor and to the MultiFunction software, **PRISMA** dosing pumps offer complete control over dosing speeds and working modes as well as great flexibility, meeting even extremely complex application needs.

PRISMA also boasts Level control, Alarms and Stand-by, while available working modes include **Constant, Constant with external input, ppm, %, mlq, Pause-work, Weekly, mA, Pulse, Volt, external Batch** and **manual Batch**.

TURNDOWN

PRISMA stepper motor-driven pumps give you the most accurate control over the stroke speed, providing an outstanding turndown ratio of up to **4800:1**. It means **PRISMA** can split up the dosing process into a maximum of **4800 steps** in order to offer the most homogeneous and precise distribution of the product to dose according to the required application.

SLOW MODE

Extreme versatility of **PRISMA** dosing pumps is also due to Slow Mode function. With **Slow Mode** enabled you can reduce the suction speed to **75, 50** or **25%** of the normal speed, making easier and more reliable the priming and the dosing even when you have to work with particularly viscous liquids.

CAPACITY RANGE

PRISMA stepper motor-driven pumps are available with dosing capacity of

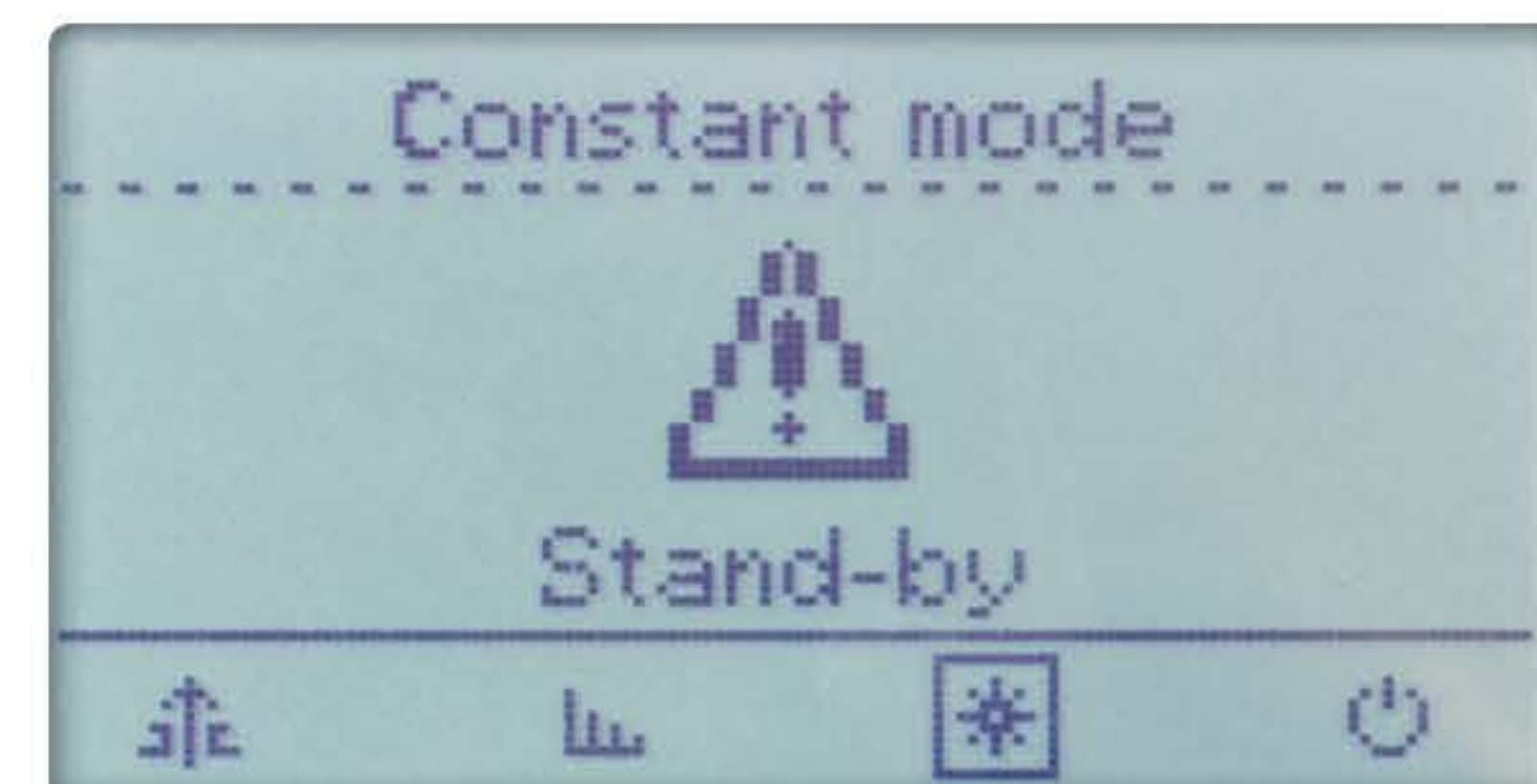
1.30 GPH
290 PSI

3.40 GPH
145 PSI

7.90 GPH
72.5 PSI

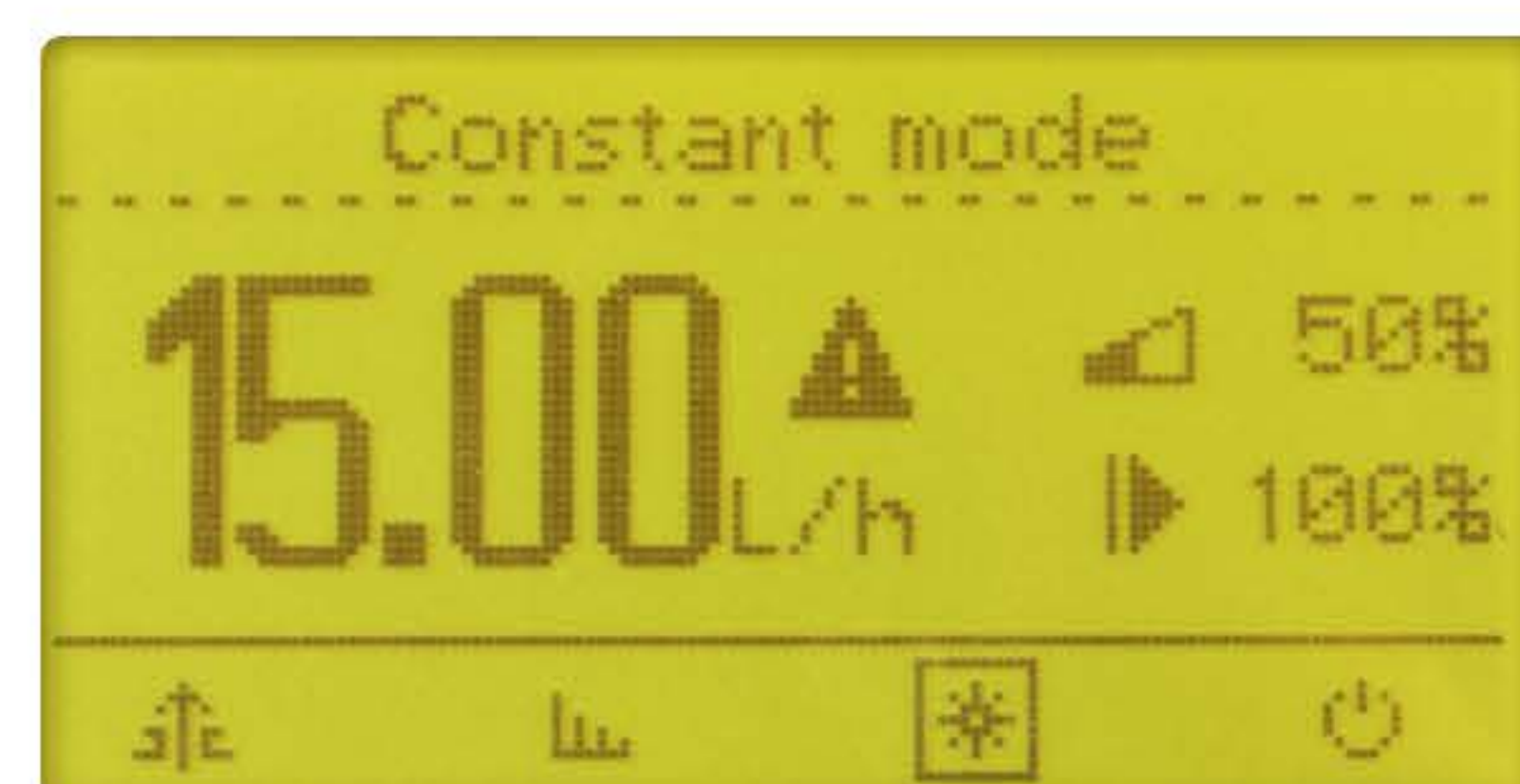
21 GPH
29 PSI

INFO COLOR SCREEN



STAND BY

White



WARNING

Yellow



ALARM

Red

PRISMA dosing pumps feature the Encoder control knob for quickly browsing through the menus and a large display to easily regulate and control the working parameters. By changing background colors the backlight display can also signal different working status: **pump running (green); stand-by (white); warning condition (yellow); alarm condition (red)**.

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