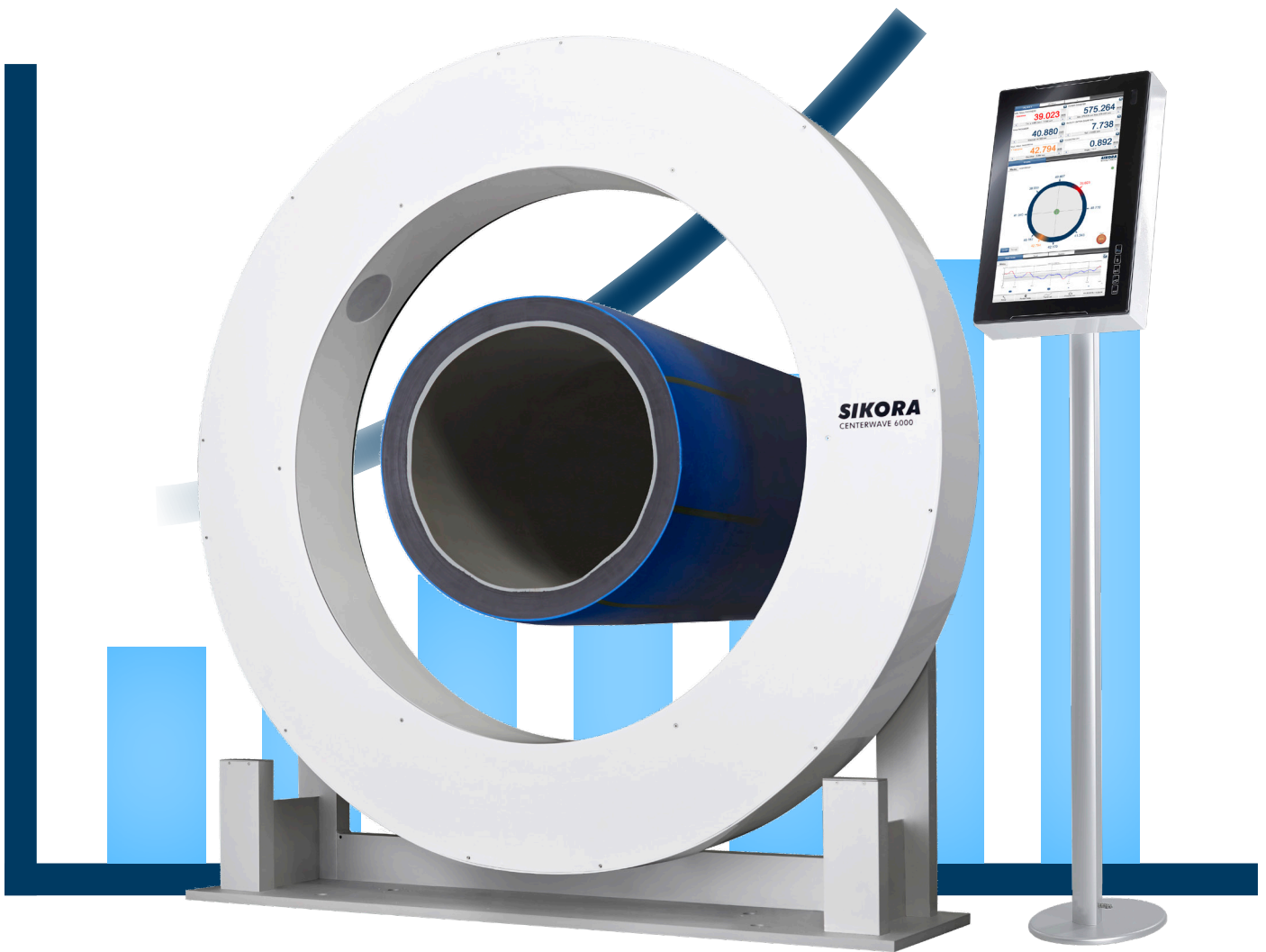
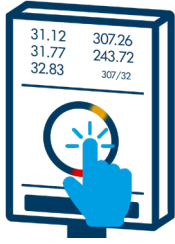


The Profit Maximizer: **CENTERWAVE 6000**



Significantly shortens the start-up process in pipe extrusion and converts unprofitable wall thickness oversize into profitable extra length

— The Profit Maximizer: CENTERWAVE 6000



Sophisticated in technology – simple in operation.

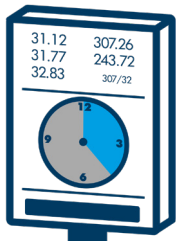
Install the device in the extrusion line, switch it on and get continuous, precise measured values. Operation of the CENTERWAVE 6000, based on millimeter wave technology, is simple and intuitive, without presetting of product parameters and without any calibration.



Final cold values already after the first vacuum tank – fully automatically.

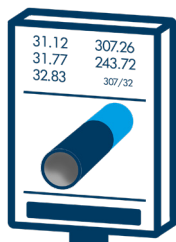
Already directly after the first vacuum tank, the CENTERWAVE 6000 displays the expected cold values of the diameter and the wall thickness without gaps over 360° before the pipe has reached the end of the line.

In this way, the system detects the proportions of solidified pipe wall and recrystallizing melt still present at the measuring point. From this, it derives an accurate prediction regarding the expected shrinkage up to the cold values of the wall thickness and diameter. Fully automatically, without any operator intervention.



Reduction of the start-up time – by a factor of 4 to 8.

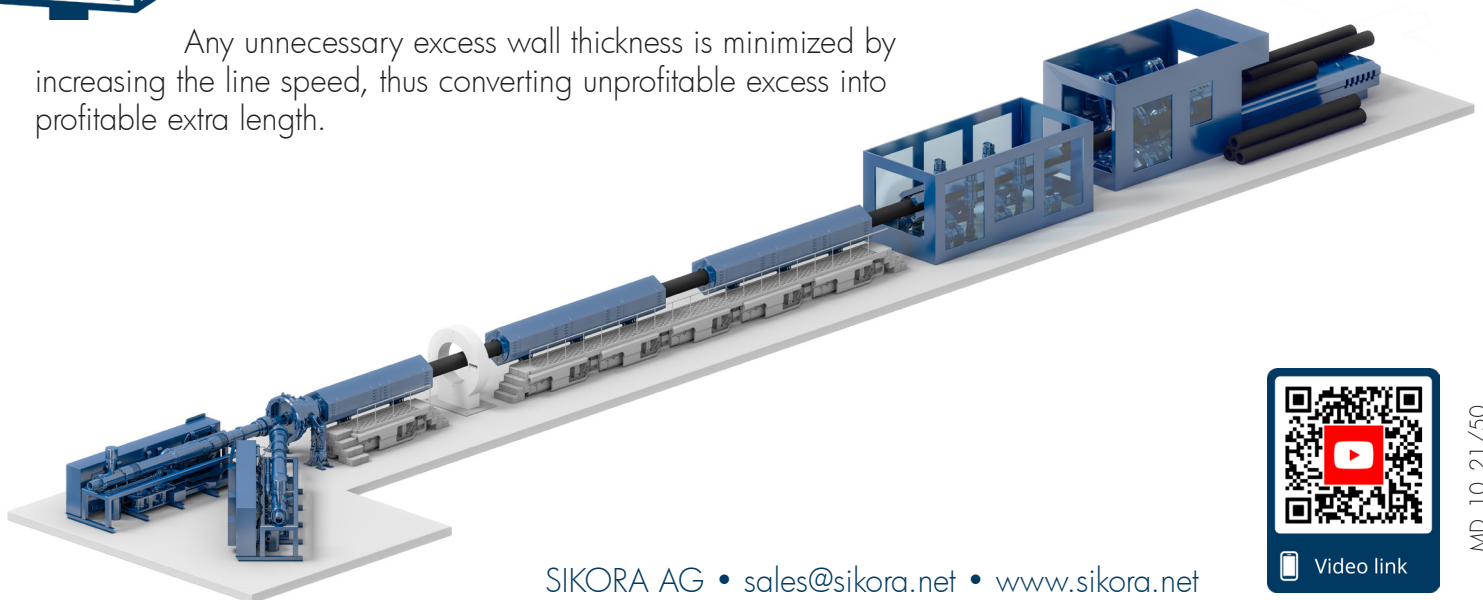
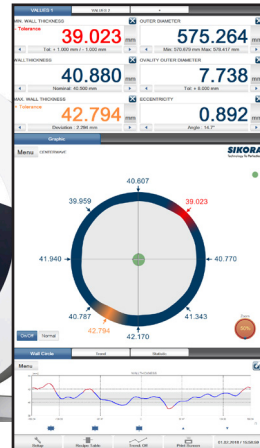
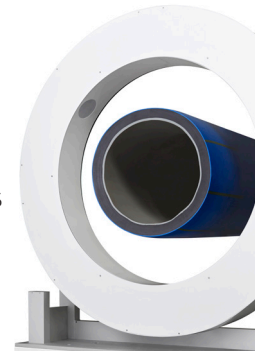
At the start of production, the operator receives all relevant cold values with regard to wall thickness and their uniformity over the entire pipe circumference significantly earlier. This reduces the start-up time by a factor of 4 to 8.



Automatic control to minimum value – for profitable extra length.

The rotating measuring head of the CENTERWAVE 6000 automatically detects at which point of the circumference the minimum wall thickness is present. The automatic wall thickness control (SETPOINT MIN) regulates exactly to this minimum permissible value and takes process-related fluctuation widths into account.

Any unnecessary excess wall thickness is minimized by increasing the line speed, thus converting unprofitable excess into profitable extra length.



Video link