



I-GLAZE

TRANSFER SYSTEM

**Automatic I-Tech system for
glazes and engobes'
correction and additivation
for a perfect final product.**

Modern solution for fast and automatic
viscosity and density liquid adjustments
to optimize the product's characteristics.

i-Tech
Innovative Technology

I-GLAZE is the I-Tech automatic system for glazes and engobes' correction and additivation.

It can be installed in feeding machines lines for viscosity and density final adjustments in order to recreate the perfect physical characteristics of the product.



Transfer System

The I-GLAZE solution is always designed and adapted to spaces and needs of each establishment. Analysing every set-up throughout the entire project I-Tech can transfer your product from one place to another without the operator's intervention or supervision during the entire process.

This main feature implies significant economic and temporal savings by improving the final product's quality in total respect of the environment and its operators.

The I-GLAZE system will provide to additivate and adjust the liquid density, automatically, respecting the contents of the ordered recipe.

I-GLAZE can work both independently and interconnected with I-Tech management software (PPM, GOD or PROCOLOR). The system is able to automatically recall the quantity of product needed for production, adding it, always checking the final density and keeping it constant throughout the entire process.





C.I.P. (Cleaning In Place)

The C.I.P. (Cleaning In Place) is the I-Tech completely self-cleaning function that allows to clean the entire system getting it ready in a few moments for the next production.

The system is provided with a stainless-steel tank with a stirrer, a density meter and a series of servo-actuated automatic valves and pumps for dispensing the various additives and for the self-cleaning system.

The additivation is always monitored by load cells to guarantee precision and a perfect final product.

The graphic interface of I-Glaze, interconnected with I-Tech management software, is able to automatically recall the needed quantity of product, dosing it or adding up to four different additives to it.

The work logic is set on a PLC while the graphical interface is made on an attractive HMI



Consisting of a stainless steel tank equipped with a mechanical stirring system, thanks to the weighing system of a load cell it is able to accurately measure the weight of each "component" inserted as well as by means of a special FLUIDENS sensor detect (always in real time) the density of the suspension contained in it.

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