

## SYSTEM CONTROL OPTIFLEX A2

# High End System Control

Modern control systems have to be user friendly and easy to integrate. The system control OptiFlex A2 with fully programmable MagicControl CM-10 controls and monitors all components and parameters of automated booth systems.



### Advantages at a glance:

- OptiStar control modules with memory for 250 coating programs each
- Patented DVC (Digital Valve Control) for precise and reproducible powder output
- Reproducible settings give uniform coating results, i.e. powder saving
- Control of all coating parameters at a glance
- Communication and operation unit MagicControl with touch panel
- Control of all parameters via interactive terminal
- Simple, clearly set out operation
- CAN-Bus, DigiBus and FlowControl optionally available

## Development of process system solutions

Powder coating is an interlinked process which demands optimized control and monitoring of all components and parameters. Therefore not only elements are developed by ITW Gema AG. We offer process oriented and integrated system solutions to guarantee the achievement of ideal coating results and highest quality in an economical way.



### Gun control OptiStar

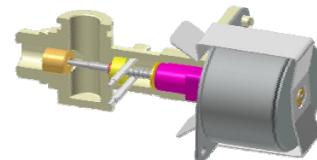


All OptiFlex A2 control systems are equipped with the modern OptiStar gun control as standard.

The patented DVC technology (Digital Valve Control) controls the powder output precisely and guarantees accurate and reproducible coating results.

High voltage, spraying current, powder output and total air volume are comfortably and precisely controlled via the foil keyboard. The memory of the OptiStar allows a store of up to 250 coating programs. The integrated modern technology regulates and controls the conveying air, the additional air and the electrode rinsing air precisely. Constant results, a minimized powder waste and the usage of smallest air volumes for soft powder clouds guarantee an economical and efficient coating process.

The control modul OptiStar is optionally available with CAN-Bus, DigiBus and FlowControl.



### MagicControl CM-10

The PC technology-based control module MagicControl CM-10 monitors all system components: booth, gun control units, reciprocators and axis.

Conveyors and peripheral equipment such as fire-fighting systems are interlinked as well.



The communication and operation unit MagicControl with touch panel is built into the control cabinet. Swivel arm versions are available as an option. All images, data and Touchlogic technology are directly stored in the touch panel onto which all data and control commands of the automated coating installation are directly entered with a "finger tip".

Precious production data is stored on CF cards.

Process control and process visualization simplify the operation. Symbols and action messages provide full overview and control.



#### Technical data "MagicControl" CM-10

Fully programmable control module on PC base

2 CompactFlash storage cards (1 x program storage, 1 x data storage)

Display: TFT color screen, 256 colors maximum

Resolution: 12.1" TFT 600 x 800 pixels

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