



## ZETA RFID TAGGED AGITATOR

The new smart agitator is equipped with an RFID system which facilitates wireless identification of agitator heads. An FDA approved plastic housing covers a tag that is installed in the agitator hub and resistant to temperatures up to 300° degrees C. The anti-friction bush guarantees that the housed tag is separated from the outer environment. The system complies with standards EPCglobal-Gen2 and ISO/IEC 18000-6c, which means that standardized RFID antennas and evaluation units can be used to read the worldwide unique identification number. The ZETA Smart Agitator system prevents any mixing up of identically constructed agitator heads. It will be possible in future to access relevant documentation of each agitator via this RFID solution.



### TECHNICAL DATA

**protected against unauthorized access**

**supports all basic and optional command (incl. item level commands)**

**fulfills standard EPCglobalGen2 and ISO/IEC 18000-6c**

**512 user bits to store individual information**

**low power operation for both read and program**

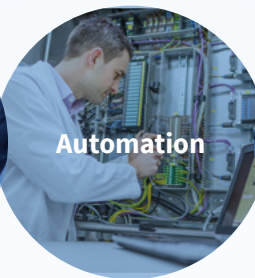
**temperature resistant up to 300°C**

### ADVANTAGES AT A GLANCE

- wireless identification of agitators
- FDA approved design
- maximal protection of tag
- effective readout with standard devices
- worldwide unique ID-No.
- easy access to information on product features

# INNOVATIVE SOLUTIONS FOR OUR CUSTOMERS

## EVOLUTION OF TECHNOLOGY



### **ZETA Business Activities**

Bioreactors & Fermentation Systems  
Downstream Systems  
Preparation Systems  
CIP/SIP Systems  
Magnetic Agitators  
Freeze & Thaw Systems  
Engineering  
Automation

### **Customer Benefits**

Deep process understanding  
GMP FDA Compliance  
Super-Skid Design  
Focus on sterility  
High process reliability  
Scale-up capabilities  
Experience in complex biologics  
Customized process systems

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