PRODUCT CATALOGUE · ISTEC

Istec condition monitoring and speed monitoring

VibSys vibration monitoring · accelerometers · SpeedSys speed monitors · RecipSys rod drop monitoring

Istec condition monitoring and speed monitoring, supplied by MK-Controls Oy.



PRODUCT RANGE

Istec condition monitoring and speed monitoring

Istec develops and manufactures condition monitoring and speed monitoring systems for rotating machinery. This catalogue lists the Istec products we supply, with links to our 3D explainers and to the products in our webshop.

11
Istec products

1 – 4
measurement channels

Vibration · speed
rod drop monitoring

Open the **3D explainer** to see how a system fits your machine, or **shop** for the product in our webshop. Prices, delivery times and quantities: **request a quote**.

Istec condition monitoring and speed monitoring, supplied by MK-Controls Oy. Istec develops and manufactures these systems; MK-Controls Oy supplies them in Finland. We can also help with sensors, cables and installation questions.

01



Istec VibSys condition monitoring
Istec VibSys

02



Industrial accelerometers
Istec accelerometers

03



SpeedSys speed monitors
Istec SpeedSys

04



RecipSys rod drop monitoring
Istec RecipSys

Contents

01 Istec VibSys condition monitoring
02 Industrial accelerometers
03 SpeedSys speed monitors
04 RecipSys rod drop monitoring

01

Istec VibSys condition monitoring

Istec VibSys

Four-channel vibration monitoring system for rotating machinery: continuous condition monitoring and diagnostics for pumps, fans, gearboxes, motors, compressors, paper machines, hydropower and wind. VibSys is a condition monitoring and diagnostics system, not a machinery protection or trip system.



CHANNELS	USE	MAKER	ORDER
4	Condition monitoring	Istec	Webshop or quote

Istec VibSys

ORDER CODE	MODEL	CH.	DATA	NOTE
ON REQUEST	Istec VibSys	4	3D explainer · shop	Vibration monitoring system

02

Industrial accelerometers

Istec accelerometers

Istec industrial accelerometers for precision vibration monitoring, made in an ISO 9001 facility. Side-exit and top-exit versions, and an intrinsically safe version for explosive atmospheres. See the sensor selection guide for cables and mounting accessories.



SENSITIVITY	EXIT	HAZARDOUS AREA	MADE IN
100 mV/g	Side · top	IS version	ISO 9001 facility

Istec accelerometers

ORDER CODE	MODEL	DATA	NOTE
ISTACCSS10	ISTACCSS10 accelerometer	Sensor guide · shop	Side exit · 100 mV/g · API 670
ISTACCSS20	ISTACCSS20 premium accelerometer	Sensor guide · shop	Side exit · 100 mV/g · wide frequency response · level 3 calibration data
ISTACCTS10	ISTACCTS10 accelerometer	Sensor guide · shop	Top exit · 100 mV/g · API 670
ISTACCSI10	ISTACCSI10 intrinsically safe accelerometer	Sensor guide · shop	Side exit · 100 mV/g · hazardous area · API 670

03

SpeedSys speed monitors

Istec SpeedSys

Speed monitors, transmitters and switches for rotating machinery. SpeedSys T10, T11 and T20 are modern replacements for Jaquet T401, T411/T412 and T500/T600 units; the T30 adds three channels with Modbus TCP, and SpeedSys 200 is a SIL2 overspeed protection system.



CHANNELS	REPLACES	OVERSPEED	INTERFACE
1 – 3	Jaquet T4xx/T5xx/T6xx	SIL2 (SpeedSys 200)	Modbus TCP (T30)

Istec SpeedSys

ORDER CODE	MODEL	CH.	DATA	NOTE
ON REQUEST	SpeedSys T10	1	3D explainer · shop	Speed monitor and switch · replaces Jaquet T401
ISTSSYT111	SpeedSys T11	1	SpeedSys guide · shop	Speed monitor and switch with display · replaces Jaquet T411/T412
ON REQUEST	SpeedSys T20	2	3D explainer · shop	Speed monitor and switch · replaces Jaquet T500/T600
ON REQUEST	SpeedSys T30	3	3D explainer · shop	Speed monitor, transmitter and switch · DIN rail · Modbus TCP
ISTSSY2001	SpeedSys 200		SpeedSys guide · shop	Transmitter and overspeed protection · SIL2

04

RecipSys rod drop monitoring

Istec RecipSys

Compact rod drop monitoring module for reciprocating compressors. Two channels with phase reference give real-time data on rider band wear and remove the need for shutdowns for manual inspections.



CHANNELS	MEASURES	MACHINE	MAKER
2 + phase ref.	Rider band wear	Reciprocating compressors	Istec

Istec RecipSys

ORDER CODE	MODEL	CH.	DATA	NOTE
RSY200-000-001	RecipSys 200	2 + phase	RecipSys guide · shop	Rod drop monitoring system

Ask us for quotes, delivery times and help selecting the right monitoring system.

Request a quote

mkcontrols.eu · sales@mkcontrols.eu

Istec, VibSys, SpeedSys and RecipSys are trademarks of Istec. Other trademarks belong to their respective owners. Specifications may change without notice; please confirm details when ordering.