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Labasys® Process Scope Industrial Process Endoscope

Remarks:

			possible. If you do otion (high/low etc			alues fo
Process:						
1. Process / /	Application	1				
- Tube/Vessel/U			m - Process Pressure: bar			
- Process Temperature:		°C	- Environmental Temperature:		ature:	°C
- Explosion protection:		required	not required	d		
2. Process S	ubstances					
Solids: no	yes		- Particle size:		μ m	
- Concentration	min:	g/m3	max:	g/m3		
Continuous phase: liquid		d gas	- Density:	kg/	kg/m3	
- Type (e.g. droplets,	gas,)		- Opaqueness:	low	medium	high
- Velocity min:	m/	's	max:	m/s		
Flow field:	directed	random				
Safety concerns	s (toxicity, fl	ammability	, corrosiveness	etc., if cr	itical):	



3. Main Objective Using Labasys® Process Scope

Description:

(what signal(s) would you like to see or determine)

visual monitoring PSD (particle size distribution) flow structure

particle velocity particle morphology

other

4. Data Acquisition

- Interface PCS / DCS Modbus OPC Server 4-20mA

other

- Distance to PC < 100 m Distance: m

- Data recording temporarily, hours:

permanent, days:

- Type of storage local NAS

5. Camera

- Resolution 600x600 dbi 1000x1000 dpi other

- Illumination cw (continuous wave) pulsed: Hz

- Colour monochrome colour

- Lens Zoom: manual remote

Focus: manual remote

6. Instrument Tip & Process Connector

- Instrument tip Standard Ø 25 x 200 mm other

- Tip Material: Stainless steel: 1.4404/1.4435 other

- Connector Standard 1" RF 600 (ASME B 16.5) other

- Optional cooling jacket for instrument tip

(necessary for Process Temperatures > 135 °C)



7. Sketch of experimental setup:							
Remarks:							
8. Address							
Person in charge	э:						
Company:							
Address:							
Tel:	FAX:	E-Mail:					
Important: All your information will be treated strictly confidential and helps us							
to build the best instrument possible for your application!							

Please send or fax to:

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