

# WADS "SCANS" YOUR MEDIUM FOR GAS INCLUSIONS

SIMPLY FREE FROM GAS AND BUBBLES: GIVE LUBRICANTS AN OPTIMUM PREPARATION FOR THE APPLICATION.

Gas inclusions in a lubricant significantly complicate the reproducibility and repeatability of industrial lubrication processes. Among other things, they can cause an early aging of the medium, reduced dosing quantities or in the worst case, damages on the dosing valve. The Walther Advanced Degassing

Station detects such gas inclusions already with a minimum size of 10 [mm<sup>3</sup>] (0,01 [ml]) and will transfer them outwards reliably, efficiently and cost-saving. It ensures a homogenous application image of the lubricant and will thereby increase and stabilize the application quality.

DETECTS GAS  
INCLUSIONS IN  
A MEDIUM AND  
DISCHARGES  
THEM: WADS-01

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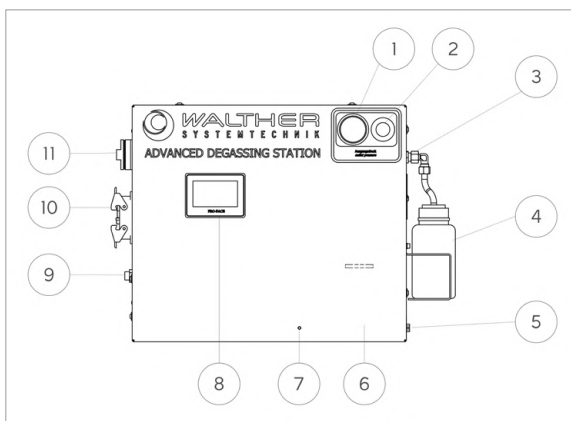
Transfer & Treatment / Filter

## ADVANCED DEGASSING STATION



### USAGE

The Advanced Degassing Station detects gas inclusions in the medium volume flow and will transfer them outwards efficiently. It guarantees a homogenous application of the lubricant and thereby helps to increase and stabilize the quality of the application. Above that, the integrated medium storage is able to compensate an interruption in the medium supply. This provides for an uninterrupted medium supply. The system can be integrated as a stand-alone into existing systems, or it can become part of complex system control units through the provided communication interfaces.



### CONSTRUCTION

- 1 Pressure gauge
- 2 Pressure regulator
- 3 Outlet pressure relief
- 4 Drain tray
- 5 Medium outlet G1/2"
- 6 Protection cover
- 7 Leakage boring
- 8 Operating panel
- 9 Tube connection with cutting ring
- 10 Harting-plug
- 11 Main switch



# ADVANCED DEGASSING STATION

## HIGHLIGHTS

- System can be easily integrated into existing fluid systems
- continuous detection and discharge of medium which is contaminated with air bubbles
- even smallest air bubbles will be detected and discharged
- simple and intuitive operation / direct parametering on operating panel (4,3" Touch-Display) or via remote access through BUS system
- monitoring of process values with limit value definitions and reporting of limit value breaches

## YOUR BENEFITS

- Increase of process capability and also increase of Overall Equipment Effectiveness (OEE)
- continuous discharge of medium, regardless of air bubble detection
- very low loss of medium only that portion of medium is discharged which is contaminated with air bubbles
- integrated medium storage for an uninterrupted supply also during outward-transfer process or replacement of container

## ORDER CODE

(\* STANDARD OPTIONS)

WADS	-		-		-		-		-		-		-		-		-		-	
1		2		3		4		5		6		7		8		9		10		11

<b>1</b>	Designation	<b>2</b>	Index
	Advanced Degassing Station	01	Index 01

## STANDARD VARIANTS

Item number	Order Code
50000574	WADS-01



Transfer &amp; Treatment / Filter

## ADVANCED DEGASSING STATION

### SPARE PARTS

Item number	Order Code	Designation
50000743		Screw-in seat valve
50000095	WMDR-50-01	Walther Modular Pressure Regulator
50000737	WSB-10-01	Walther Plug-in Cube
50000518	ABPS-01	Air Bubble Protection System
50000437	WGC-A-2000-01	Walther Grease Container
50000457		Bursting screw 10 [bar]
50000522	WBP-25-01	Walther Booster Pump
50000761		Glycerine pressure gauge 160 [bar]
50000258		Pressure control valve
50000546	WADS-Z005	Grease drain container
50000764		Pressure control valve Grease Container
50000548		Magnetic coil 1/4

### ACCESSORIES

Item number	Order Code	Designation
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### TECHNICAL DATA

Process pressure (inlet)	20 to 150 [bar]
Process pressure (outlet)	max. 200 [bar]
Middle volume flow	max. 100 [ccm/min]
short-term volume flow	max. 1500 [ccm/min]
Suitable media	Lubricants up to NLGI 3 / 5000 [mPas]
Weight	18,0 [kg]
Dimensions l x w x h	759 x 268 x 514 [mm]