

ZDS™

NEW ZERO DEAD SPACE VALVE FROM ACE GLASS

Complete drainage, no trapped material.

The new **Zero Dead Space (ZDS™)** valve is designed for larger reaction flasks from bench scale to pilot plant scale. This new valve, when in the full open position allows for complete product drainage and has no “hang-up” where material can be trapped or suspended. The product drains through openings in the valve stem and will completely empty even including dissolved and small solid particles. When closed, the valve stem seals flush to the bottom of the flask.

The **ZDS** valve is available as a stand-alone ready to be sealed to any vessel or, already sealed to an ACE reaction flask. The valve is available in two standard sizes. All wetted parts are borosilicate glass or inert PTFE. The PTFE valve stem o-rings are made from Chemraz, so that the valve can handle almost any type of material or chemical.



6483

CONTAINS
2010
PRICING

6483 Flask *Three Necks, Heavy Duty, with ZDS™ Valve* ▲

Heavy wall, round-bottom flask with three 24/40 vertical necks and ZDS™ valve attached. Other 24 neck joint sizes are available as special orders.

Capacity, mL	Center Neck 24	24 Side Necks	Bottom Valve Size	Order Code	Each
1000	24/40	24/40	0-10mm	6483-110	261.21
2000	24/40	24/40	0-10mm	6483-112	310.34
3000	24/40	24/40	0-10mm	6483-120	359.09

6541 Replacement Parts ▲

Replacement ZDS PTFE Valve Stems and O-Rings.

Description	O-Ring	Size	Order Code	Each
PTFE Valve Stem with O-Rings	FETFE	0-10mm	6541-44	131.15
PTFE Valve Stem with O-Rings	FETFE	0-20mm	6541-146	194.04
PTFE Valve Stem with O-Rings	Chemraz	0-10mm	6541-150	288.91
PTFE Valve Stem with O-Ring	Chemraz	0-20mm	6541-152	387.01

Replacement Stem O-Rings

For ZDS Valve Size	Size	FETFE		Chemraz	
		Order Code	Pkg./12	Order Code	Each
0-10mm	111	7855-718	18.29	7859-518	41.23
0-20mm	116	7855-726	23.83	7859-526	52.97

Valve Tip O-Rings

For ZDS Valve Size	Size	Order Code	Pkg./12	Order Code	Each
0-10mm	011	7855-706	13.24	7859-506	29.62
0-20mm	114	7855-722	21.28	7859-522	47.96



▲ Subject to Ace Discount



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