



Automatic flocculant dosing system

SADF

**PLC Siemens S7-1500**

Touch screen panel
Remote control and assistance

Completely automatic,
un-supervised operation

Sloping transparent pipe to prevent
air-bubbles from contaminating the
read values

Save on OPEX with real-time,
continuous dosing adjustment

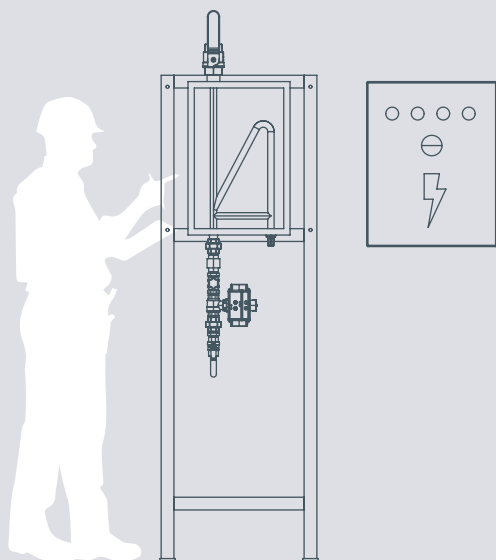
Normally-open, anti-abrasive, pinch
valves for automatic sampling and
self cleaning

What is this?

SADF system uses an optical fiber to monitor in real time the flocculant performance. A batch of flocculated water is periodically withdrawn from the centre of the vertical static clarifier.

The adjustment of the dosing pump(s) is enabled by an analog signal to the flocculant dosing pump(s) inverter(s).

— Technical specifications



	Size	Weight	Protection	Power
	(L x W x H) - mm	kg	-	kW
Reading unit	250 x 405 x 615	30	IP 55	-
Monitoring unit	250 x 405 x 615	25	IP 55	0,3

The reported data are valid for general information purpose and can not be guarenteed for executive design. For detailed data and specific needs refer to sales@tecnoida.it