

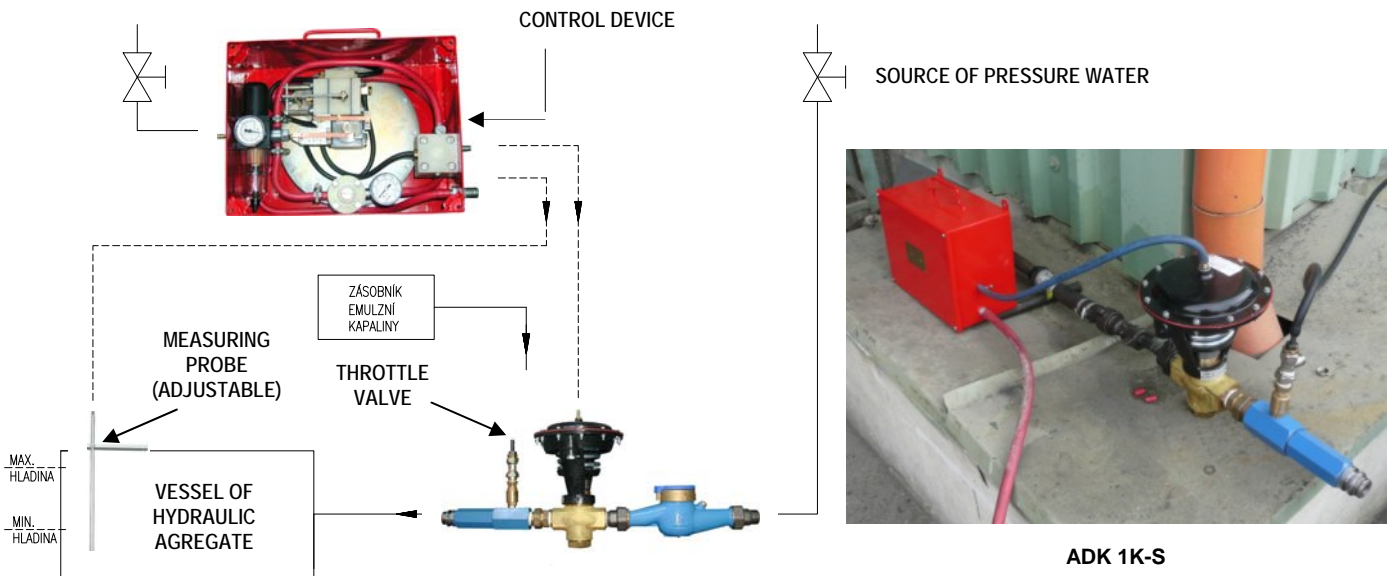
## AUTOMATICS FOR REFILLING LIQUIDS WITH MIXER ADK 1K-S

### Use and description:

Automatics for refilling liquids with mixer **ADK 1K-S** (hereinafter only automatics) is a pneumatic equipment used for automatic refilling of the emulsion liquid (hereinafter only emulsion) with required concentration into vessels of hydraulic aggregates feeding the working medium- water emulsion especially to rectilinear hydraulic motors of exploitation complexes..

**Automatics consists of following principal parts:** control device ADK 1N, diaphragm valve (water), mixer and measuring probe (adjustable).

SOURCE OF PRESSURE AIR



### Characteristics:

Type		ADK 1K-S
Working medium pressure	MPa	0.4 ÷ 0.6
Air consumption	m <sup>3</sup> .h <sup>-1</sup>	0.005
Feeding water pressure	MPa	max. 3.2
Max. flow rate	m <sup>3</sup> .h <sup>-1</sup>	6.10
Control pressure on diaphragm valve	MPa	0.22 ÷ 0.28
Control pressure on measuring probe	Mpa	0.11 ÷ 0.15
Concentration of the emulsion liquid – adjustable	%	0 - 8
Measured level difference- adjustable	mm	50 ÷ 300
Measured level difference set by manufacturer	mm	150.0

Type marking:

**ADK 1K-S**  
 ADK AUTOMATICS FOR REFILLING LIQUIDS  
 1K type number, KOEXPRO  
 S mixer

The product has been designed and constructed as the equipment group I (mine), category M2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas "dangerous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.

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