

Environmental declaration

Product name: ULTRAFLOW[®] type 65-S/65-R/65-T (without pulse transmitter)

Product application: Flow meter

Transport regulations: None

Producer: Kamstrup A/S
 Industrivej 28, Stilling
 DK-8660 Skanderborg
 Denmark

Environmental policy: See Kamstrups Web site WWW.Kamstrup.com

Product materials:

Flow part	Weight % (approx. values, varies with meter size)			
Material	<i>0,6 & 1,5 m³/h</i>	<i>3 to 40 m³/h</i>	<i>60 m³/h</i>	<i>150 to 1000 m³/h</i>
Brass	80	97		
Iron	15	2	98	99
AISI 316 Metal	1	0,25	0,5	0,5
Polyethersulphone *	3	0,5		
Polyphenylene sulfide *			1	
EDPM gaskets	1	0,25		
Viton gaskets			0,5	0,5

* Plastic

Electronics box & cable	Weight % (approx. values, varies with cable length)	
Material	<i>Types S & R</i>	<i>Type T</i>
Thermoplastic Polyester *	25	23
Polycarbonate *	17	16
Circuit board with components	8	7
Silicone compound		8
Silicone wire insulation	25	23
Copper	25	23

* Plastic

Undesirable substances: - Lead (in the soldering alloy)
 (According to national Danish list) - Brominated flame retardants (in the circuit board material (approx. 15 %) and may also be present in some of the electronic components on the circuit board)

Packing materials:

Meter size	Packing material
< 150 m ³ /h	Recycled cardboard
>/=150 m ³ /h	Plywood

Recommended disposal: Cardboard recycling

Production processes: All activities at Kamstrups facility takes place in accordance with Kamstrups certified ISO 14001 Environmental management system. (copy of certificate can be delivered upon request).

Environmental impact from use of the product:
Power consumption: 365 μ W
Emissions to air: None
Emissions to ground water: None

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Scrapping by Kamstrup:

The customers are offered the possibility to return worn out Kamstrup meters to Kamstrup for scrapping/recycling, if contractually agreed.

When the flow meters are scrapped by Kamstrup minimum 80 % of their weight is being recycled.

Scrapping by the customer:

Scrapping must be in accordance with local regulations. In order to facilitate recycling of materials, Kamstrup recommends that the meters are separated in the parts listed below:

Part:	Primary materials:	Recycling:
All plastic parts	See product materials on page 1	Yes
All metal parts	Iron, brass & AISI 316 Metal	Yes
Circuit board with components	Epoxy, glass fibre, copper, tin, lead, silver & electronic components (plus silicone compound in type T)	Yes
Cable	Copper & silicone	Yes

Special handling precautions when scrapping:

None.

Further questions:

Contact Kamstrups Quality & Environmental department

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