



Solido[®] Adare BioCare

SMART

State of the Art
SBR-Treatment

Compact and efficient,
simple to install

High and reliable quality
Made in Germany

Easier is better!



The New Generation in Decentralised Wastewater Treatment



Adare Biocare Ltd

Tynedale House
Clonshire, Croagh,
Co Limerick
P: 061-395819

www.adarebiocare.com



A smarter way to protect our precious water resources

How it works

Solido SMART combines the benefits of an ultra-compact solution with the trusted performances of Solido systems. Integrating an SBR technology comparable to large municipal applications, the proven technology operates with direct aeration of the wastewater and without the need for primary treatment. This simple principle provides efficient wastewater treatment results without the emission of any odors.

Easy Handling

Control panel

Controlled by a compact and easy-to-operate microprocessor to ensure steady and reliable performances from the system. The control panel can be installed in any place where there is no rain or sunlight.



SMART tanks

Our SMART tanks are lightweight, compact and have a low installation depth requirement. Can be installed without concrete – even in groundwater. Available as compact cylindrical (BL) or ultra-compact rectangular models (ML).

Saving you time and money

Installed in just one day, including setup. No heavy machinery required and no needless damage to your property. Cost-saving benefits for you!



- ✓ **25 % less** sludge production
- ✓ **15 % less** tank volume required
- ✓ **More efficient** than ever

Innovative Technology

Technology capsule

Safely housed in the capsule, the compressor requires only 49 kWh per person, per year. Provides an efficient and quiet treatment without disturbance to the homeowner.

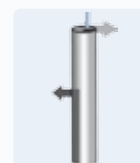


Sampling port

Easy to service. Includes an overflow protection.

Clearwater air lift

The patented self-flushing airlift prevents sludge loss and ensures high performances.



Direct aeration

The incoming wastewater is immediately supplied with oxygen to ensure a very efficient and odorless treatment.

25 % less
sludge
production

The SMART pipe

Slows down the incoming influent and simplifies inspections. Makes part desludging safe and easy.

Tube diffuser

Easily replaceable and durable (from PU without softeners).



Easier is better!

The new Solido SMART solution makes decentralised wastewater treatment easier and more efficient than ever. Trust its high-quality design and durable components to provide long-term performances and peace of mind for you and your family.

Solido, for your peace of mind!

Energy efficient

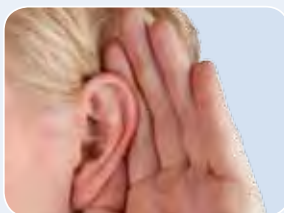
Just 49 kWh per person.



Low operational cost offering you long-term savings!

Quiet operation

Efficient treatment without constant noises to disturb the homeowner.



Enjoy your home and garden thanks to a discrete and silent treatment system!

Easy handling

Easy to install and completely preassembled. Tanks are lightweight, compact and have low installation depth requirements.



Keeping installation costs down and protect your gardens from damaging heavy machinery!

Safe and reliable

High-quality technology certified according to the EN 12566-3 + SR66. European safety standard.



Efficient treatment extends the lifespan of your infiltration. An investment that makes sense!

High-quality investment with many cost saving benefits. Protects your family and your property for years to come!



Solido SMART EBL



EBL-26 (6 PE)



EBL-45 (10 PE)

For installation in groundwater
up to middle of tank

Solido SMART	Dimensions Length (L) x Breadth (B) x Height (H)	Order-No. gravity outlet	Order-No. pumped outlet
EBL-26 (6 PE)	240 x 136 x 175 cm	KSTA2600	KSTP2600
EBL-45 (10 PE)	242 x 170 x 229 (-248) cm*	KSTA4500	KSTP4500

*Height adjustment by telescoping or shortening the shaft elements.

Solido SMART EM1



For installation in groundwater
up to shoulder of tank

Solido SMART	Dimensions Length (L) x Breadth (B) x Height (H)	Order-No. gravity outlet	Order-No. pumped outlet
EM1-35 (8 PE)	240 x 120 x 201 (-215) cm*	KSTA3500	KSTP3500
EM1-50 (10 PE)	320 x 120 x 201 (-215) cm*	KSTA5000	KSTP5000

Accessories

Spacer Ring

DN 600, height 60 cm, Ø 60 cm
Order-No. KKDS0065



Seal for Spacer Ring

Rubber DN 600
Order-No. KKDS0072



15 m extention cable

With plug/socket and heat shrink tubing for sealing
Order-No. KKZT0015

Driveable version

Max. axle load: 2,2 t

Complete Car Set consists of:

- Steel cover (instead of TopCover)
 - Shaft extension BS 60 (instead of VS 20/VS60)
 - Spacer ring, telescopic
- for ML: Order-No. KBEFP001
for BL: Order-No. KBEFP002



The New Generation in Decentralised Wastewater Treatment

Solido[®] SMART

- ✓ 15 % less tank volume required
- ✓ 25 % less sludge production
- ✓ Reliable, made in Germany Solido quality
- ✓ 15,000 satisfied customers
- ✓ Easy and compact solution, simple to install
- ✓ Energy efficient, just 49 kWh



Outstanding treatment efficiency according to EN 12566-3 testing



Effluent		Ø	%
COD _{hom}	(mg/l)	39,0	95,4 %
BOD ₅	(mg/l)	4,9	98,6 %
NH ₄ -N	(mg/l)	0,7	98,0 %
N _{tot}	(mg/l)	10,8	83,3 %
P _{tot}	(mg/l)	2,5	65,8 %
Suspended solids	(mg/l)	12,1	97,2 %

Discover our Quality Customer Care Services! Contact our experts today!

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Premier Tech Aqua Germany Factory

Guarantee: The correct installation is the basis for the long life span of your system and for the 25 years of manufacturer's guarantee. This guarantee relates exclusively to the tank and does not cover individual parts and accessories, although these might be included in the price package. The installation of the tank as per installation instructions is the premise for this guarantee. In the case of our acceptance of a fault, we will provide material exchange free of charge - any other services or costs will not be reimbursed. Excluded from guarantee are damages that are caused by abnormal usage or interference, or caused by faulty installation or maintenance procedures. Technical changes and errors reserved.



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