



# SAM Basic5

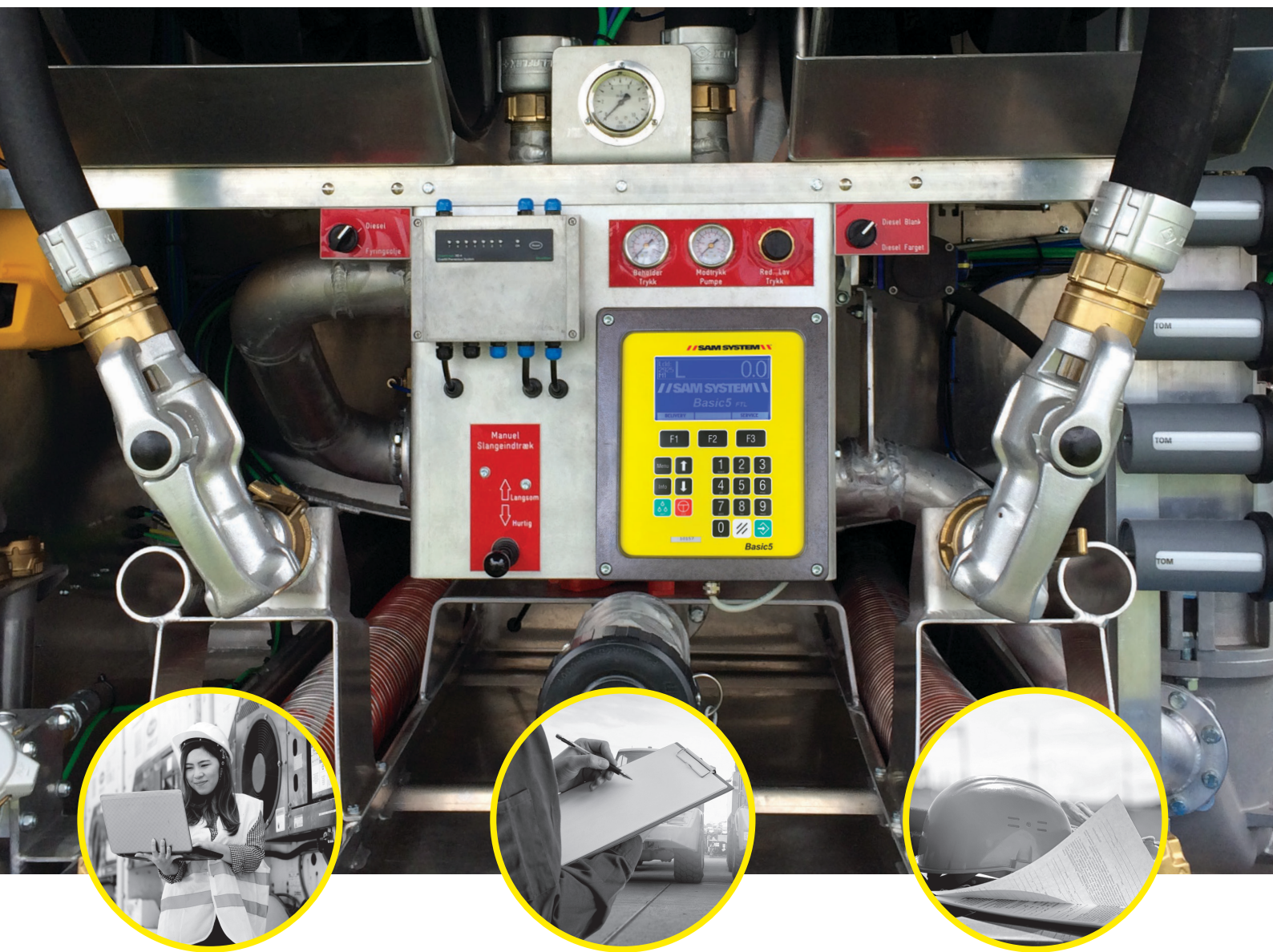
Electronic Pump Metering System  
Cost-effective solution for tank trucks

— Quite simple

Back Office and FTL







**SAM Basic5 offers the following simplifications:**

- Electronic transfer of order and customer data to tank trucks (planned deliveries)
- Electronic registration of product delivered, quantity, quality and delivery time
- Electronic transfer of delivery data from tank trucks to administration/FTP server (2-way communication)
- Matching the loaded and delivered quantities pr. product
- Order priority
- Additive and flushing management (option)
- Electronic log
- Eliminating sources of error
- Compartment Volume Monitoring
- Full Integration with Customers Back Office System

**SAM Basic5 offers the following simplifications:**

Tank Trucks, Aviation, Marine (bunkering), Depots, Stationary or Mobile Tank Stations, Containers, Rail and Stand Alone delivery systems.

**Approved**

The SAM Basic5 is approved according to MID and ATEX directives and supply all products legally including a legal printout.

**From Mechanical to Electronic in the Most Effective Way**

SAM Basic5 is easy to build in to both new and existing trucks.

**Wide functionality**

- Calibrated temperature probe included, ready for temperature compensated deliveries
- Control of Additive Injection
- Customizable delivery ticket
- Dual Register solution, add two meters to each solution
- Programmable relays for Electronic Valve Control, Pump Control and much more

**Communication**

- Back office integration
- FTL Communication
- Modem for data transaction included
- RS-232/485 communication ports
- Remote control (option)

**Easy and safe use**

- Large backlit display with clear illustrations and information
- Compartment management
- Designed to simplify operations for its users
- Automation of data to eliminate loss
- Multiple language support
- Volume Preset Deliveries

Lcid: 1000 M1	L 0				
Hose 200	1 8000	2 6000	3 6000	4 4800	5 4800
Kerosene	Gas oil	Diesel	Kero Prem	ULSD	ULSG
	7990	5000	4473	2548	1500
DELIVERY		COMPARTMENT		SERVICE	

Compartment Volume Monitoring – the Full Overview

GPRS



GPS (option)



Back Office Integration





## Product Specification

### Electrical Connection:

18 - 32 V

3 - 6 A

### Pulse input:

2 x Biphase Namur encoder

### Outputs

12 x solenoid, EEx ib, 24V / 110mA

### Inputs

4 x Digital, EEx ib, 5V / 1Kohm

8 x Digital Namur, EEx ib, 8V / 1Kohm

2 x 4-wire PT100

### Operation temperature:

ATEX approved: -25°C to + 50°C (Standard)

Working temperature: -35°C to +60°C

### Protection class:

IP65

### Approvals:

MID

ATEX

CE

Developed and produced in Denmark

## Get in touch

Sam System A/S

A.C Illumsvej 31

DK — 8600 Silkeborg

Tel: +45 8798 1100

info@sam-system.com