

Your partner for individual solutions

SEITZ®
Technology

PDA Dosing Systems



Customised dispensing systems & PDA for laundries



Dosing systems

PRECISE. EFFICIENT. FUTURE-PROOF.



Technology

Your partner for customised dosing solutions

Modern textile laundries are facing ever greater challenges:

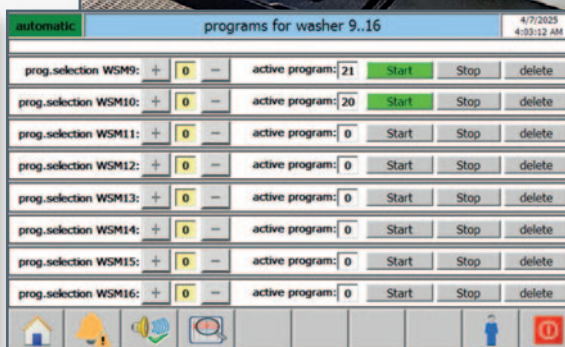
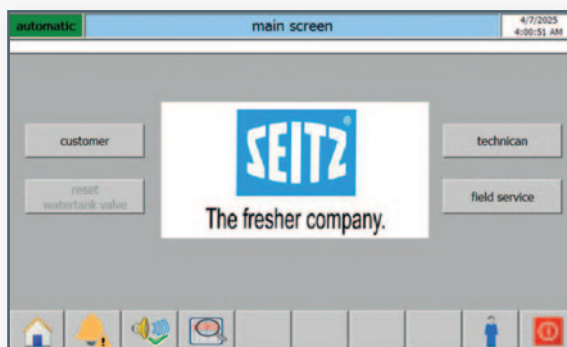
customers expect consistent quality, while you hope to reduce costs by using chemicals sparingly and sustainably.

Our VigaDos dosing systems offer you the perfect solution for maximum efficiency and profitability.



MAXIMUM EFFICIENCY – INTELLIGENT CHEMICAL DOSING FOR YOUR LAUNDRY

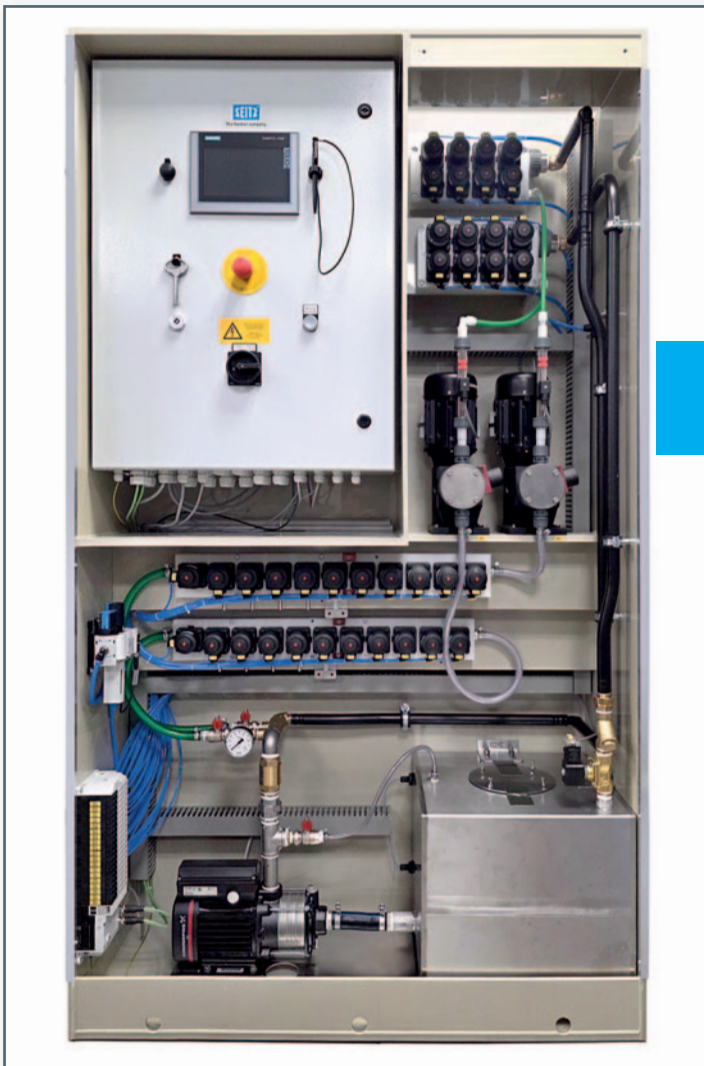
- OPTIMAL WASHING PERFORMANCE THROUGH PRECISE DOSING
- REDUCED OPERATING COSTS THROUGH INTELLIGENT USE OF CHEMICALS
- FUTURE-PROOF TECHNOLOGY FOR AUTOMATED PROCESSES



VigaDos

THE SMART SOLUTION FOR PROFESSIONAL LAUNDRIES

Our **VigaDos dispensing system** is the ideal solution for modern laundries that rely on precision, efficiency and sustainability.

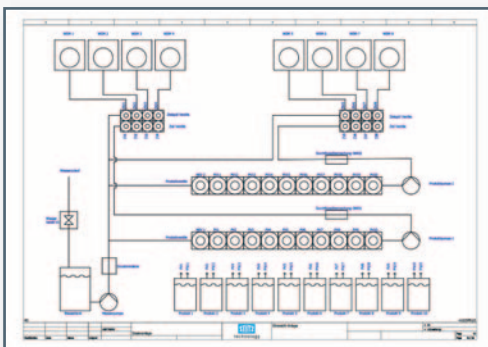


Efficient – Flexible – Sustainable

With a state-of-the-art control system, **VigaDos** enables the precise dosing of up to ten (10) chemicals per unit, thus saving detergent, water and energy.

KEY FEATURES OF THE **VIGADOS** DOSING SYSTEM:

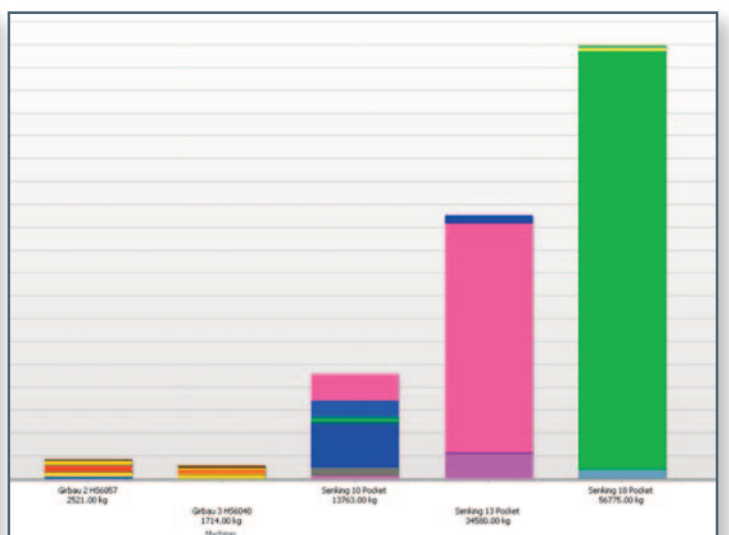
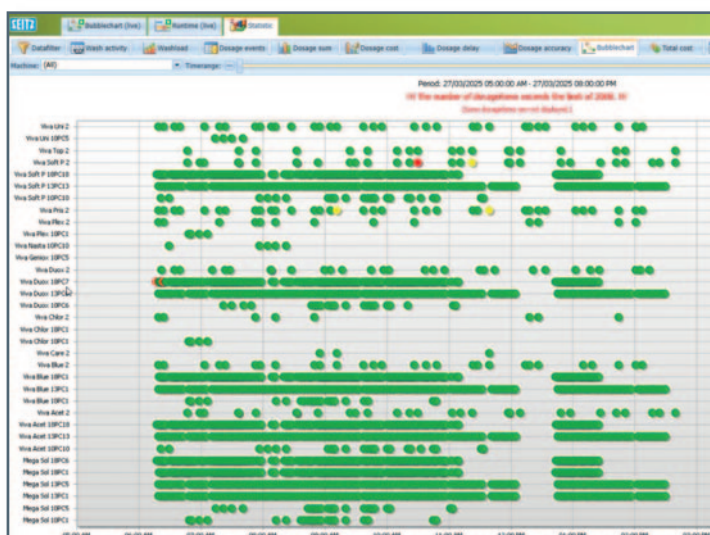
- COMPATIBLE WITH ALL WASHER SIZES AND SYSTEMS
- CAN CONTROL UP TO 10 PRODUCTS FOR 16 MACHINES – CAN BE EXPANDED
- ULTRA-RELIABLE DIAPHRAGM PUMPS FOR A LONG SERVICE LIFE
- INDIVIDUAL FLOW CONTROL FOR CUSTOMISED DOSAGES
- ADJUSTABLE FLOW RATES FOR SMALLER DOSAGES



Production data acquisition

AND THE ADVANTAGES FOR YOUR OPERATIONAL PRO-

Pain Point	Challenge	Solution through PDA	Use for client
Lack of transparency in the production process https://seitz24.com/bde/en/01/	Customers often do not know the exact running times of machines, whether there are delays or where bottlenecks occur	Real-time monitoring of all washing processes with detailed data on machine status, loading, run times and dosing	Clear overview of the exact operation, better control and faster decision-making
Downtime and unproductive periods https://seitz24.com/bde/en/02/	Machines are often unused for extended periods	Run-time analysis with detection of downtimes	Reduction of unproductive time, higher utilisation and increased efficiency
Delayed detection of errors https://seitz24.com/bde/en/03/	Malfunctions often go unnoticed or are only detected when damage has already occurred	Real-time error messages available within 2 seconds, including sorting by frequency and type	Early detection and quick response to issues, reducing production downtime
Complex tracking of customer complaints https://seitz24.com/bde/en/04/	Customers complain about faulty laundry but there is no evidence of when and how an item was washed	Complete traceability of each batch, including wash duration, machine, temperature and dosing	Faster resolution of complaints, fewer disputes and higher customer satisfaction
Lack of automation in invoicing and documentation https://seitz24.com/bde/en/05/	Delivery notes and invoices must be created manually, which is error-prone and time-consuming	Data can be exported and turned into delivery notes and invoices	Reduced administrative effort, lower error rates and faster invoicing
Unclear dosing and chemical consumption https://seitz24.com/bde/en/06/	It is often unclear how much chemicals were used per wash cycle	Automatic recording and calculation of dosing quantities, including filter options by product and time	Control over chemical consumption, identifying saving potential and ensuring optimal wash quality



HELPS TO SOLVE PROBLEMS EASILY

Pain Point	Challenge	Solution through PDA	Use for client
Inefficient use of resources	Higher product, water and electricity consumption without a detailed overview of saving potential	Measurement of product consumption, optional: measurement of water and energy consumption with electricity and water meters	Identification of optimisation opportunities, more sustainable processes, cost savings through a targeted consumption optimisation
Lack of comparison options and optimisation potential https://seitz24.com/bde/en/08/	Companies often do not know where exactly improvements can be made	Benchmarking through data exports and graphical analyses, for example to identify delays or inefficiencies	Better operational control and continuous process improvement
Staff shortage and time pressure	Employees do not have the capacity to constantly monitor machines and processes	Centralised data collection with full remote overview, also useful for smaller businesses	Relief for staff and more efficient operations management
Slow reaction times to operational issues	Problems such as machine failures or long loading times are often only noticed when it is too late	Live data with instant alerts and clear dashboards for quick identification of bottlenecks	Faster problem detection and higher operational safety
Long payback periods for investments	Business wonder whether PDA is worth it and when the investment will pay off	Cost saving through higher productivity, fewer failures and optimised processes lead to faster amortisation	Investment pays off in a short time, ensuring long-term profitability

Program	Starttime	Endtime	Duration	Machine
Shut dark color	26/10/2023 01:42:42.000 PPM	26/10/2023 02:17:06.000 PPM	34.24	Orbica 2 H00057
Orbica 2 H00057	26/10/2023 01:42:42.000 PPM	26/10/2023 02:17:06.000 PPM	34.24	Orbica 2 H00057
Empty Pocket	26/10/2023 02:20:46.000 PPM	27/10/2023 07:21:51.767 AM	17:01:05	Sealing 10 Pocket
Tonkels Regular	26/10/2023 01:26:36.760 PPM	27/10/2023 06:54:51.200 AM	17:28:14	Sealing 13 Pocket
Tonkels Regular	26/10/2023 01:22:35.340 PPM	27/10/2023 06:51:36.200 AM	17:29:01	Sealing 13 Pocket
Tonkels Regular	26/10/2023 01:20:04.100 PPM	27/10/2023 06:48:27.760 AM	17:28:23	Sealing 10 Pocket
Shavets Regular	26/10/2023 01:17:44.740 PPM	27/10/2023 06:54:08.000 AM	17:36:24	Sealing 10 Pocket
Tonkels Regular	26/10/2023 01:04:47.760 PPM	27/10/2023 06:41:46.540 AM	17:34:58	Sealing 13 Pocket
Shavets Regular	26/10/2023 01:03:41.400 PPM	27/10/2023 06:52:03.740 AM	17:39:22	Sealing 10 Pocket
Shavets Regular	26/10/2023 01:13:56.140 PPM	27/10/2023 06:49:11.440 AM	17:35:40	Sealing 10 Pocket
Tonkels Regular	26/10/2023 01:13:26.440 PPM	27/10/2023 06:38:24.800 AM	17:25:05	Sealing 13 Pocket
Shavets Regular	26/10/2023 01:05:41.940 PPM	27/10/2023 06:47:08.100 AM	17:35:44	Sealing 10 Pocket
Tonkels Regular	26/10/2023 01:05:06.100 PPM	27/10/2023 06:39:52.740 AM	17:34:52	Sealing 13 Pocket
Shavets Regular	26/10/2023 01:06:36.600 PPM	27/10/2023 06:45:14.800 AM	17:35:44	Sealing 10 Pocket
Empty Pocket	26/10/2023 01:06:27.500 PPM	27/10/2023 07:12:35.440 AM	18:07:37	Sealing 10 Pocket
Shavets Regular	26/10/2023 01:06:09.240 PPM	27/10/2023 06:43:11.800 AM	17:37:04	Sealing 10 Pocket
Shavets Regular	26/10/2023 01:02:46.940 PPM	27/10/2023 06:41:03.300 AM	17:37:20	Sealing 10 Pocket
Tonkels Regular	26/10/2023 01:02:22.000 PPM	27/10/2023 06:38:15.800 AM	17:34:52	Sealing 13 Pocket
Shavets Regular	26/10/2023 01:01:21.440 PPM	27/10/2023 06:38:07.040 AM	17:36:35	Sealing 10 Pocket
Tonkels Regular	26/10/2023 01:01:04.040 PPM	27/10/2023 06:25:01.300 AM	17:24:47	Sealing 13 Pocket
Shavets Regular	26/10/2023 12:59:12.340 PPM	27/10/2023 06:36:05.700 AM	17:36:53	Sealing 10 Pocket
Empty Pocket	26/10/2023 12:58:46.000 PPM	27/10/2023 07:05:57.200 AM	18:07:16	Sealing 10 Pocket
Shavets Regular	26/10/2023 12:57:08.040 PPM	27/10/2023 06:34:03.340 AM	17:36:55	Sealing 10 Pocket
Tonkels Regular	26/10/2023 12:56:59.000 PPM	27/10/2023 06:31:47.900 AM	17:34:52	Sealing 13 Pocket
Shavets Regular	26/10/2023 12:54:46.740 PPM	27/10/2023 06:30:46.240 AM	17:37:23	Sealing 10 Pocket
Tonkels Regular	26/10/2023 12:53:46.200 PPM	27/10/2023 06:34:34.740 AM	17:24:48	Sealing 13 Pocket
Shavets Regular	26/10/2023 12:52:45.400 PPM	27/10/2023 06:29:53.800 AM	17:37:08	Sealing 10 Pocket
Shavets Regular	26/10/2023 12:50:42.100 PPM	27/10/2023 06:28:34.400 AM	17:34:44	Sealing 10 Pocket
Tonkels Regular	26/10/2023 12:50:35.940 PPM	27/10/2023 06:33:53.040 AM	17:24:47	Sealing 13 Pocket
Empty Pocket	26/10/2023 12:50:02.640 PPM	27/10/2023 06:58:08.700 AM	18:08:06	Sealing 10 Pocket
Shut white light color	26/10/2023 12:49:42.200 PPM	26/10/2023 01:26:02.360 PPM	36.18	Orbica 2 H00057
Shavets Regular	26/10/2023 12:48:58.840 PPM	27/10/2023 06:22:33.100 AM	17:24:48	Sealing 10 Pocket
Radisson Prod Tonkels	26/10/2023 12:47:17.000 PPM	27/10/2023 05:44:57.000 AM	18:57:40	Sealing 13 Pocket
Shavets Regular	26/10/2023 12:46:36.420 PPM	26/10/2023 01:17:46.200 PPM	45:11	Orbica 2 H00057
Shavets Regular	26/10/2023 12:45:21.400 PPM	27/10/2023 06:21:17.800 AM	17:35:52	Sealing 10 Pocket
Shavets Regular	26/10/2023 12:43:23.340 PPM	27/10/2023 06:19:11.840 AM	17:35:49	Sealing 10 Pocket
Shavets Regular	26/10/2023 12:41:13.140 PPM	26/10/2023 01:26:36.760 PPM	45:23	Sealing 13 Pocket
Shavets Regular	26/10/2023 12:41:02.940 PPM	27/10/2023 06:21:04.340 AM	17:39:02	Sealing 10 Pocket



VigaDos

AND YOU CAN INCREASE YOUR EFFICIENCY

Let's take your laundry to the next level together.

INTELLIGENT CONTROL AND DATA ANALYSIS



VigaDos gives you full control over your washing processes. Our system records and analyses all relevant data to ensure consistently high quality.

- **REAL-TIME MONITORING AND CONTROL** via touch screen
- **INDIVIDUAL WASH CYCLE PROGRAMMING** for optimal results
- **LOGGING AND TRACKING** of important parameters

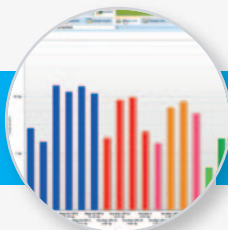
SUSTAINABILITY AND COST EFFICIENCY



Save costs without compromising on quality! **VigaDos** optimises the dosage of detergent, water and energy, reducing consumption and making your laundry more environmentally friendly.

- **LOWER USE OF CHEMICALS –** less wastewater pollution
- **OPTIMISED RUNNING TIMES** for maximum machine service life
- **EFFICIENT USE OF RESOURCES** for long-term savings

LAUNDRY ROOM STATISTICS AND PROCESS OPTIMISATION.



RECORDING OF:

- WASHING MACHINE ID
- PROGRAMME NAME AND NUMBER
- WEIGHT OF DIRTY LAUNDRY
- START TIME, END TIME & DURATION
- TRANSFER CALCULATIONS AND DOSING EVENTS
- DOSING TOTAL & DOSING ACCURACY
- ERROR AND MAINTENANCE MESSAGES

WHY VIGADOS?



- **EASY INTEGRATION** into existing laundry systems
- **MAXIMUM TRANSPARENCY** through intelligent statistical tools
- **LOW MAINTENANCE & LONG-LASTING –** fewer breakdowns, more reliability
- **SCALABLE & EXPANDABLE –** grows with your business

Production data acquisi-

WHY YOU SHOULD RELY ON PDA

Maximum transparency and efficiency

In the modern laundry industry, it is not only clean laundry that counts, but also **efficiency, cost control and resource conservation**. With our production data acquisition (PDA) system, you get a comprehensive overview of your processes – in real time and fully automatically.

THIS IS WHY PDA IS INDISPENSABLE!

- **COST TRANSPARENCY FOR DETERGENTS:**

Find out exactly which detergents are used and in what quantities.
This helps you **keep your costs under control and avoid unnecessary expenses**.

- **DETAILED OVERVIEW OF THE LAUNDRY VOLUME:**

Which volumes are washed by which customers?
The PDA provides you with **precise data for better planning and tracking**.

- **OPTIMISATION OF MACHINE RUNNING TIMES:**

See exactly when, for **how long and how efficiently your machines are running**.
Detect downtimes, optimise throughput and increase productivity.

- **ANALYSIS OF WATER AND ENERGY CONSUMPTION:**

Reduce your operating costs by recording water and energy consumption.
Identify inefficiencies and optimise your processes for a sustainable laundry.

- **INCREASE EMPLOYEE EFFICIENCY**

The PDA shows **how efficiently your employees work** and provides valuable insights for optimising the flow of goods. Sources of error are identified and minimised.



SUSTAINABILITY AND COMPETITIVENESS

With precise production data acquisition, you not only reduce costs, but also reduce your ecological footprint – a clear advantage in an environmentally conscious world.



Increase your efficiency with the PDA – Switch now and secure a competitive advantage!



Technology

Seitz Technical Service

Germany:

SEITZ GmbH
Gutenbergstr. 1-3
65830 Kriftel/Deutschland
Tel. 06192-9948-0
www.seitz24.com

German-speaking Switzerland:

SCHAERER
Textilpflegesysteme AG
Industrie Allmend 25
4629 Fülenbach/Schweiz
Tel. 062-926 52 52
www.schaerer-textil.ch

Austria:

MEVO METZLER GmbH
Sandgrube 544
AT-6867 Schwarzenberg
Tel. 0043 5512 2917-18
Fax: 0043 5512 2917-418
www.mevo.at



Get non-binding advice now!

Ready for the future of professional laundry?

Innovations since 1885

In constant development for our customers



Good to know:

Our application engineers and field representatives will be happy to advise and support you by phone or on site.

In tricky cases, we are happy to provide you with expert advice and assistance in the form of textile and laboratory tests.

Detailed information on the properties and use of our products is available in the form of technical data sheets and separate brochures.

