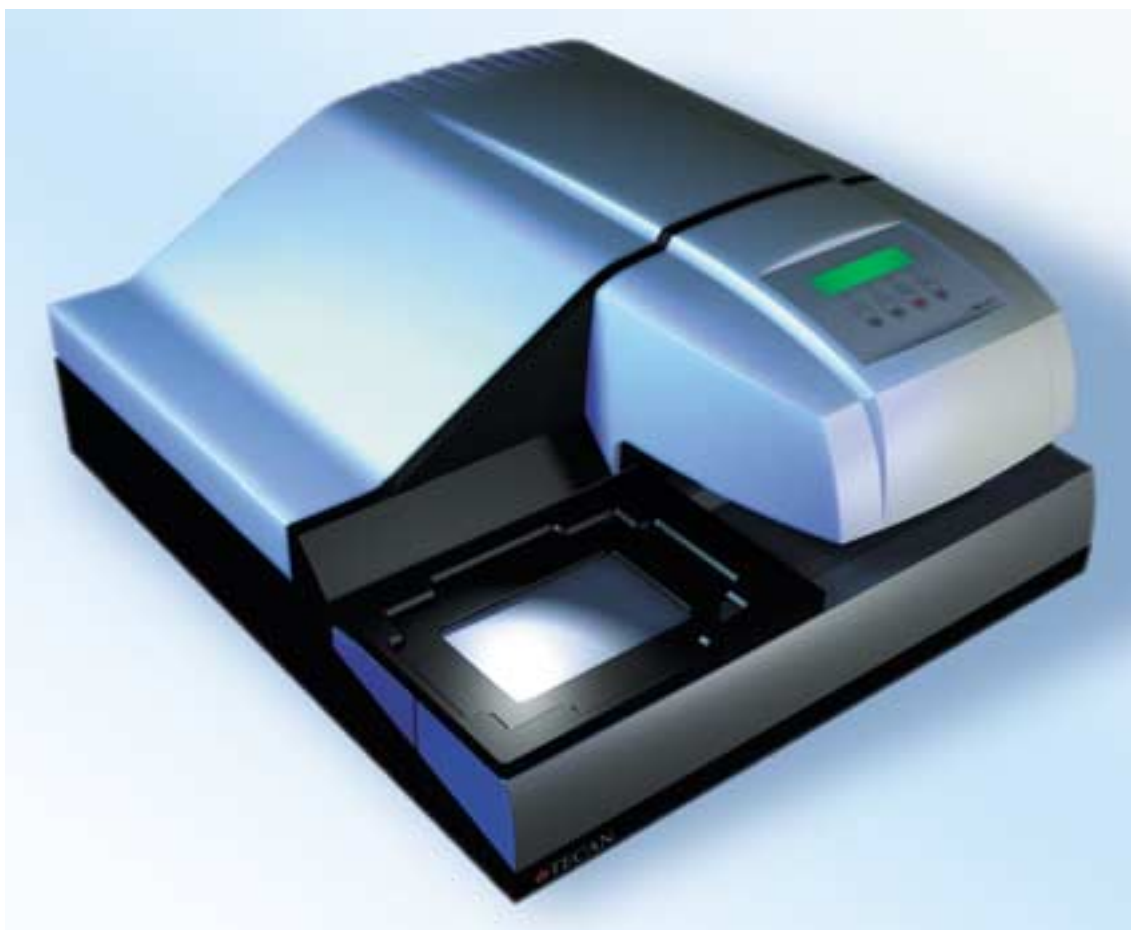




PW 384

The powerful solution for
all plate washing needs in
both 384 well format and
96 well format

PW 384



... is TECAN's multi-talented plate washer combining both Cell Washing and ELISA Washing in 384 well and 96 well plate formats.

Applications

Based on TECAN's expertise in liquid handling the PW 384 provides excellent solutions in the field of drug discovery and research, including:

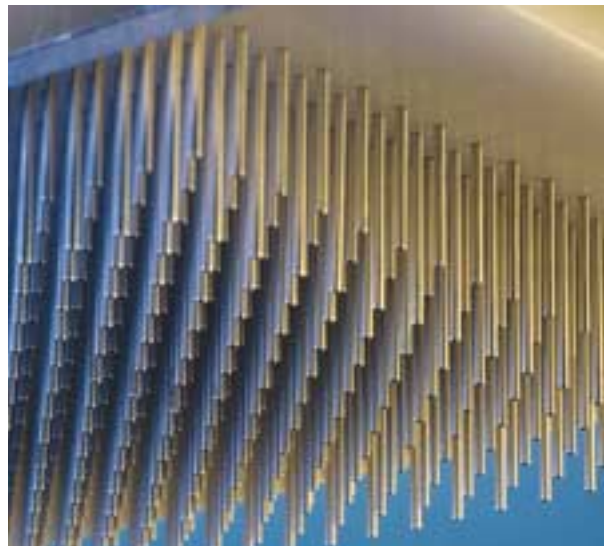
- High Throughput Screening
- Lead optimisation
- Assay development

Applications:

- Cellular Assays
- Membrane Assays
- Immuno Assays

Unmatched wash speed

The PW 384 sets a new standard for ultra-fast washing in both 384 well plates and 96 well plates.

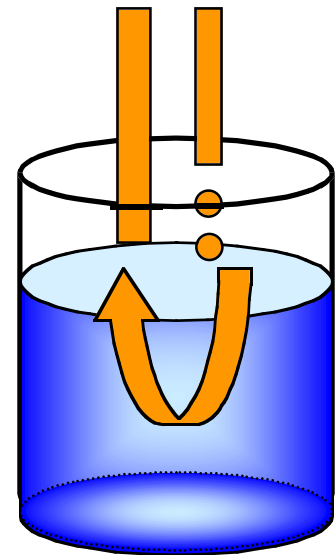


Being the first on the market, the PW 384 not only processes all 384 wells simultaneously, but uses "Overflow" washing to further boost wash performance.

"Overflow" washing creates a circular flow of liquid in the well. The advantage of this procedure is a highly effective wash, combined with a short wash time, as no time consuming transport steps are required to index the wash head.

Optimum performance

The PW 384 offers tuneable dispense speeds and vacuum levels for best results with both Cellular Assays and ELISA Assays. Additionally precise depth positioning of the wash head enables the user to vary the amount of residual volume according to application needs.



Full robot compatibility

The PW 384 is fully compatible with all TECAN robotic systems such as Workstation and TRAC, but may also be used in stand-alone mode.

For unattended operation an extra-large bottle set and a liquid level monitoring system are available as an option.

Easy operation

The WinWash plus software, provided as standard with every PW 384, allows easy program manipulation on the PC and comes with a built-in plate library.

After downloading of program and plate information through the RS 232 interface, no dedicated PC is required to operate the PW 384.



High flexibility and reliability

The PW 384's innovative design makes it easy to switch between 384 well and 96 well plates, just by exchanging the wash head. Fully automated preventive maintenance procedures ensure reliable operation.

SPECIFICATIONS for PW 384

Dispensing accuracy	96 well plate format: CV ≤ 2% across the plate at 200µl 384 well plate format: CV ≤ 3% across the plate at 90µl
Dispensing volume range	96 well plate format: 50 – 3000µl for washing 384 well plate format: 10 – 1000µl for washing
Residual volume	96 well plate format: ≤ 2µl across the plate 384 well plate format: ≤ 2µl across the plate
Wash speed for 384 well plates	≤ 20 sec. Wash parameters: 400µl / well overflow washing and final aspiration step. Time includes transport from load position to wash head and vice versa.
Inlet ports	3 inlet ports for two wash buffers and rinse solution as standard configuration
WinWash plus Software	Compatible with Windows 98, Windows NT and Windows 2000 Windows® is a registered trademark of the Microsoft Corporation.
Plate library	Pre-adjusted for: Corning Costar®, Greiner®, Nunc® and Polyfiltronics®
Physical dimension and weight	Width: 38 cm, Depth: 42 cm, Height: 18,5 cm Weight: < 15 kg (excluding vacuum pump and bottle set)

ORDER INFORMATION for PW 384

PW 384 includes:	- Wash head for Cell washing and ELISA washing in 384 well plates - Bottle set (3x 5 liter, 1x 10 liter waste, 1x 4 liter foam trap) - Vacuum pump - 3 liquid channels for wash buffers and rinse solution, 1 waste channel - Robot friendly concept - WinWash plus software for programming on the PC
Large volume - option includes:	- Liquid level monitoring system for wash, rinse and waste bottles - 20 liter waste bottle, 2x 10 liter wash bottles and 5 liter rinse bottle



• **Tecan AG**, Feldbachstrasse 80, CH-8634 Hombrechtikon, Switzerland. Tel: +41 55 254 81 11, Fax: +41 55 244 38 83, Hotline: +41 55 254 82 82, E-mail: tecan@tecan.ch
• **Tecan Austria GmbH**, Untersbergstrasse 1a, 5082 Grödig/Salzburg, Austria. Tel: +43 6246 8933, Fax: +43 6246 72770, E-mail: tecan-a@tecan.co.at • **Tecan Asia (Pte) Ltd.**, 26 East Coast Avenue, Singapore 459 231. Tel: +65 4441 886, Fax: +65 4441 836, E-mail: tecan@tecan.com.sg • **Tecan Deutschland GmbH**, Theodor Storm-Strasse 17, 74564 Crailsheim, Germany. Tel: +49 7951 94170, Fax: +49 7951 5038, E-mail: info@tecan.de • **Tecan France SA**, Parc d'Activités de Pissaloup, Bâtiment B - HERMES II, 27, Rue Edouard Branly, 78190 Trappes, France. Tel: +33 1 30 68 81 50, Fax: +33 1 30 68 98 13 • **Tecan Italia S.r.l.**, Via A. Volta 16, 20093 Cologno Monzese (MI), Italy. Tel: +39 2 267 00553, Fax: +39 2 253 2890, E-mail: tecan@tecan.it • **Tecan Japan Co. Ltd.**, Meiji Seimei Building 10F, 1-40, Miyamachi, Fuchu City, Tokyo 183, Japan. Tel: +81 4 2334 8855, Fax: +81 4 2334 0401, E-mail: info@tecan.co.jp • **Tecan UK Ltd.**, 18 The High Street, Goring-on-Thames, Reading, RG8 9AR, England. Tel: +44 1491 875087, Fax: +44 1491 875432, E-mail: tecanuk@compuserve.com • **Tecan U.S. Inc.**, P.O. Box 13953, Research Triangle Park, NC 27709, USA. Tel: +1 919 361 5200, Fax: +1 919 361 5201, Hotline: 800 338 3226, E-mail: tecan-us@tecan-us.com • **Cavro Scientific Instruments Inc.**, 242 Humboldt Court, Sunnyvale, CA 94089, USA. Tel: +1 408 745 7400, Fax: +1 408 745 0309, E-mail: cavro@cavro.com

World-wide sales and support are provided by an additional, extensive and specialist network of representatives. For more information about your local TECAN representative please visit our homepage - <http://www.tecan.com>

Specifications subject to change without notice (L029101 Rev.1.0).