

# TRANSIA<sup>®</sup> 4U

*Walk-away convenience - up to 372 samples without intervention*

*Flexible - up to 4 parameters at a time*

*Optimized for large volume testing*

*Fully automated ELISA processor*

*Continuous loading*



**RAISIO**

DIAGNOSTICS

# TRANSIA® 4U



TRANSIA 4U brings a new dimension of efficiency to the work of food testing laboratories handling large sample volumes. Featuring high capacity and unique flexibility, TRANSIA 4U is an automatic system that takes care of all steps of an ELISA test. Sample and reagent pipetting, incubation, shaking, washing, reading and result reporting are all performed without user intervention. TRANSIA 4U has been optimised especially for TRANSIA PLATE Salmonella Gold and TRANSIA PLATE Listeria.

## MINIMAL MANUAL HANDLING

Manual handling stages have been minimized to reduce both errors in sample handling and technician hands on time. This approach is supported by a specially-designed sample rack, used both in the heat treatment of the samples and inside the instrument as a sample rack. All reagents are loaded directly from the kit box into the reagent rack, so no reagent transfer is needed.

## WALK-AWAY CONVENIENCE

Samples, reagents and microtiter plates for running up to 372 samples can all be loaded at the same time. After starting the run the operator can leave the instrument running and be back for the ready results when the run is finished.

## FLEXIBILITY

Up to four different assays can be run at the same time if needed. New assays can also be added during the run. This introduces unparalleled flexibility to the labwork.

## SAFETY

To maximize safety and to make handling as easy as possible the instrument performs automatic checks of reagent volumes before the run is started: the operator is informed and guided in how to fill up anything that is running low. The completion of the run is hence guaranteed without any further intervention from the operator. Colour coded racks can be used to further minimize the risk of sample mismatch.

**ORDERING INFORMATION:**  
T4U, TRANSIA 4U Automated ELISA processor

# RAISIO

DIAGNOSTICS

[www.raisiodiagnostics.com](http://www.raisiodiagnostics.com)

## SPECIFICATIONS:

### System capacity

Number of plates	Maximum 4 microtiter plates
Number of samples	384 sample tubes (tube diam. 11.5 - 12.5 mm)
Number of reagent positions	12x14mm diam., 10x25mm diam., 6x17mm diam.
Number of tips	5 tip racks with 96 disposable tips
Loading	Continuous loading of samples, reagents, tips and plates

### Pipetting system

Pipettor	Syringe using disposable tips with tip detection
Liquid level detection	Capacitive
Pipetting volumes	10-1000 µL

### Incubation

Capacity	4 independently controlled incubator chambers
Temperature range	Ambient + 7°C - +45°C

### System

Windows 2000 or newer
Photometric reading
ASTM interface
Qualitative or quantitative analysis
QC analysis including Levey-Jennings plots

### Power supply

Universal AC input	AC 50/60 Hz, 100 - 230 V, +/- 10%
Power consumption	Typ. Max. 400 VA

### Dimensions

W*D*H	1140*1560*1000 mm (with waste bag and opened drawer)
Weight	95 kg