



## PIRO<sub>S</sub> - your personal pipetting robot

Meet the easiness in your own language

In various languages the PIRO<sub>S</sub> is very easy to program and can be used for many liquid handling needs from simple liquid transfers to highly complex applications – regardless of what it is, you will have it in minutes. Within five steps to the result – that's the beauty in doing your pipetting work with PIRO<sub>S</sub>.

## Easiness meets ...

### Easiness meets precision

The PIRO<sub>S</sub> provides high precision with low variability when pipetting small volumes.

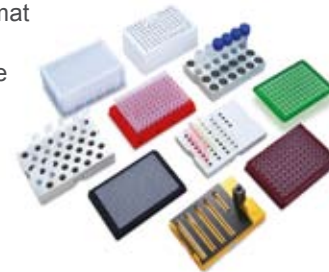


### Easiness meets reproducibility

Match unrivaled standardisation of your experiments. No more "Monday morning" or "Friday afternoon" pipetting results.

### Easiness meets versatility

Almost every tube or plate format is supported and more can be added through the unique plate creator by yourself. PCR-setup, plate reformatting, normalisation, pooling, cherry picking, serial dilution, and many other tasks for a modern laboratory.



### Easiness meets cost saving

No pipetting errors, less repeats, lower reaction volumes, and usage of standard non-conductive tips.

### Easiness meets documentation

All steps are recorded and documented automatically and available for downstream applications. LIMS data import and export for intelligent pipetting and IVD matching are standards of the PIRO<sub>S</sub>-software.



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## Special features

### PIRO<sub>s</sub> is a space wonder

On a very small 600 mm x 490 mm bench top workspace the PIRO<sub>s</sub> provides a 16 position deck (12 x SBS standard plates and 3 x special format plate positions, 1 waste/tip dispose position). A vast amount of tube formats, including 384-well plates to even up to 50 ml tubes, can be handled by the robot using a wide range of pipette tips (20 µl, 50 µl, 200 µl, 1000 µl).

### Safety first

Active pipetting control through “liquid level sensing” is completed by tip picking control and tip ejecting control.

High sophisticated pipetting routines ensuring liquid transfers are dropless and aerosol free.

Deck-sterilisation through an inbuilt UV-burner provides upmost safety from any cross contamination (optional).

### Advanced features

- High speed pipetting
- Reusable tips
- Interchangeable heads
- Multiple language software and manual
- Free software upgrades
- Drag and drop programming

### Applications

- PCR-setup wizard
- Normalising
- Sample pooling
- Dilution series (user specific)
- Intelligent pipetting (from database)
- Multiple mastermixes preparation
- Automated reagent calculation



Your personal  
pipetting robot

Who we are:

DORNIER-LTF GmbH – the company

The right combination at the right time:  
DORNIER, famous for its fine art of German engineering meets 15 years of LTF laboratory experience. This union guarantees the best value in sophisticated laboratory technology and affordable high precision liquid handling robots.

PIRO<sub>s</sub>

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