DYNABLOT PLUS

AUTOMATED INSTRUMENT USED TO PROCESS THE IMMUNOBLOT AND WESTERNBLOT ASSAYS

- Make faster and easier blot testing
- Walk-away operation reliability and minimal maintenance
- Instrument proven by hundres of users

OEM version available

OPEN platform

Made in The Czech Republic

EUROPEAN UNION
European Regional Development Fund
OP Entreprise and Innovations
for Competitiveness

DYNEX

DYNABLOT Plus

Instrument features

- **The instrument** automates various types of immunoblot and westernblot assays. Due to the assay structure there is no need for operator intervention after sample dispensing.
- **The instrument** can process up to 44 strips.
- **Powerful and flexible** instrument software enables easy routine assay running, quick setup of new assays and much more.
- **The instrument's memory** can store up to 20 assays, each with 14 steps.
- **Formation and editing** of the assays is performed on a PC with a SW BlotEditor and transferred via USB connection to the instrument.
- **The firmware** enables running standard immunoblot and western blot assays. Up to 3 conjugates can be used in one run.
- **Moreover algorithm** for avidity methods and possibility of precise timing of strips incubation have been implemented.
- **Controlling** of the instrument is by a 6-buttons keypad and a 80-character LCD display. Display messages and 6 LEDs on the peristaltic pumps help the operator to prepare the instrument for assay start (names and volumes of reagents, priming etc.). The running of assay is monitored (actual step, remaining time to the end of each step and to the end of assay etc.).
- **Seven optional languages**: English, German, Spanish, Portuguese, Italian, Turkish and Czech).
- **The instrument** is provided with 6 or 7 reagents peristaltic pumps located in its front for easy handling. The pumps are capable of running reversely. It enables the functions "Antidrop" (no drops at the end of tubing during dispensing) and "Reagents saving" (aspiration of dead volume back to reagent bottles after last dispensing).
- **A mixing of strip** content during incubation is enabled by the rocking of the strip plate. Slow, medium or fast, rocking speeds can be selected.
- **Liquid media** is aspirated by an integrated vacuum pump, that is conected to a waste bottle.
- **All reagent tubing** can be replaced easily.
- **Compact instrument dimension,** low weight and quiet running operation are friendly to the laboratory environment. The instrument power consumption is up to 30 W.
- **The waste bottle** is equiped by fluid level sensing to prevent the bottle from overfilling.
- **The instrument** can be in the fully open platform for the users so that they can program any method on their own. The system can also be partially closed so that the user is not allowed to modify any of the pre-installed assays but the user can create his own assays as well. The platform can be fully closed so that the users are allowed to run the pre-installed assays only.

Technical specifications

Dispense volume	0,1 - 5 ml, < 10 % accuracy
Strip shaking	by rocking, 3 speeds
Dimensions	520 x 310 x 250 mm (WxDxH)
Weight with 6 pumps	14,5 kg
Weight with 7 pumps	17 kg
DYNABLOT Plus 6p Cat. No.	D7144-P6-E
DYNABLOT Plus 7p Cat. No.	D7144-P7-E

Ver_02_10/2016

PRODUCER

DYNEX TECHNOLOGIES, spol. s r.o.
Place of business: Lidicka 977, 273 43 Bustehrad, The Czech Republic
Headquarters: Vodickova 791/41, 110 00 Praha 1, The Czech Republic
tel.: + 420 220 303 600, fax: +420 224 320 133
email: office@dynex.cz
www.dynex.cz

DISTRIBUTOR

DYNEX