

EO 51P-B

BLOOD BAG SCALE / BALANCE POCHE A SANG



The mixers for donations mod. **EO51P-B** are certainly among the most advanced blood collection mixers available on the market. Thanks to their technology, exploiting reprogrammable last-generation micro-processors, these mixers can receive firmware updates that will alter their operation, to meet the different needs of various customers, and always be up-to-date with the regulations in force.

1. Large blue LCD display with white backlighting, easily visible from any angle.
2. Mixing system, consisting of wide (which can also contain bags with filter), extractable (for easy cleaning) rocking tray, with mixing cycle of 5 seconds.
3. Automatic and manual tube clamping system, suitable for any type of tube, equipped with sensor to check tube presence / absence, for increased safety during blood collection.
4. Load cell volume transducer. Weighing accuracy ± 1 ml.
5. Automatic display conversion from grams to milliliters.
6. Automatic tare of the collection bag's weight.
7. Digital setting of target volume (from 200 ml. to 500 ml.), with possibility to change it during donation.
8. Automatic and continuous check of : DURATION OF BLOOD COLLECTION, COLLECTION FLOW (ml/min) , DATE , TIME , SET, REAL TAKEN , ALARM OCCURRED.
9. Digital setting of the visual and acoustic pre-alarm, to monitor the duration of the blood collection.
10. Automatic and continuous check of collection flow (ml/min), with visual and acoustic alarm for low and high flow. Digital setting of low and high flows values.
11. Automatic flow stop at the achievement of the preset volume with contemporaneous visual and acoustic alarm.
12. RS 232 port for barcode reader + RS 485 port for data transmission (Note : with **EO51P-B** software basic version, serial port are disable but they can be upgraded anytime to the upper version **EO51P-TC**)
13. Membrane keyboard for easy cleaning.
14. Internal battery pack lasting up to 12 hours. The unit can also be power-supplied by means of external accumulator 24Vdc
15. Automatic calibration management software.

TECHNICAL DATA:

- ❖ Code **EO51P-B**
- ❖ AC/DC POWER SUPPLY STABILIZED : INPUT: 100-240Vac 47-63Hz 0,9-0,3 A. DC INPUT : 24V
- ❖ AC EXTERNAL RECHARGER OUTPUT : 24Vdc 1.25A Max
- ❖ Operating with either external power supply unit or internal rechargeable batteries.
- ❖ Volumes which can be preset : from 200 to 400 by 50 ml. from 400 to 500 by 5 ml
- ❖ Mixing cycles of 5 seconds.
- ❖ Dimensions mm.310 for 290 to 180 h.
- ❖ Net weight Kgs.3,5
- ❖ External Body in thermoformed ABS

OPTIONAL ACCESSORIES:

- ✚ Set of weights for complete calibration made up of N. 4 sample weights M1 class certified (N. 1 weight of 100 gr, N. 2 weights of 200 gr, N. 1 weight of 500 gr) to perform calibration or quality controls.
- ✚ Mixer supporting cart with objects holder shelf in stainless steel with 2 swivelling wheels.
- ✚ Aluminum hand case realized with new system **AHC –Aluminium Hi-Composite** or in ABS , with interior padding , ideal for frequent transports
- ✚ BAR CODE SCANNER

AT ANYTIME IT'S POSSIBLE TO BUY SOFTWARE UPDATE AND TO CONVERT THIS Mod.EO51P-B IN Mod. EO51P-TC and Mod.EO51PTC-RF (advanced version)

EO-51P-TC with 1 RS 232 for bar code reader + RS 485 outputs for data transmission via cable

EO-51P-RF with 1 RS 232 + RS 485 outputs + WiFi data transmission module



DONNEES TECHNIQUES

- mélangeur interne , oscillations 10 / min
- cycle de mélange 5 secondes
- mise à zéro automatique de la tare
- programmation des volumes de 200 à 500 ml (par marches de 50 ml de 200 à 400 ml, par marches de 5 ml de 400 à 500 ml, pour faciliter la programmation à l'opérateur)
- affichage du volume , du poids, du temps , de la date, des éventuels alarmes, etc. dans la phase de prélèvement
- **alarmes visuelles/acoustiques en cas de débit insuffisant**
- Arrêt automatique du débit à l'arrivée du poids préprogrammé
- Plateau de pesée extractible de facile nettoyage
- Système d'étranglement adapté à tous types de poches à sang
- Double étrangleur gauche/droit avec détecteur présence tubulure , pour éviter faux démarrages
- Alimentation 220 V , puissance 30 VA . Module recharger externe sortie 24Vcc- 1,25A
- Batterie interne rechargeable autonomie 12H , prise pour batterie véhiculaire externe 24V
- Dimensions 31 x 29 x 18 h cm , poids kg 3,5
- Dimensions emballage 40 x 35 x 40 cm , poids kg 5
- Sorties RS 232 + RS 485 : déshabitées dans la version de base **EO51P-B** ; habilitées sur les versions
- **EO51P-TC** pour connexion lecteur code à barre et transmission donnée par LAN
- **EO51PTC-RF** pour connexion lecteur code à barre et transmission donnée par LAN et/ou par WiFi

Note : L'UPGRADE DE LA VERSION DE BASE EO51P-B AUX VERSIONS SUPERIEURES . EO51P-TC et EO51PTC-RF (advanced version) EST POSSIBLE A TOUS MOMENTS

- **OPTION** : Lecteur de codes à barres, set de poids de calibrage (n° 1 poids 100 gr, n° 2 poids de 200 gr, n° 1 de 500 gr) , chariot avec 2 roues pivotantes , valise de transport en aluminium ou ABS (à choix)



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