Pole Ideal Pars

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Sample Collection and Transportation Case


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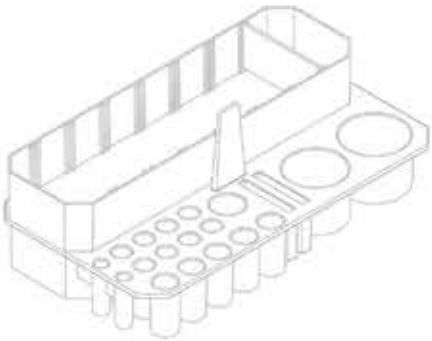
This case has three internal kits with different applications suitable for user's needs.

1 General Kit



It is two-storey and autoclavable and because of having wells with different diameters and movable plates (for space division), It has wide range of usage

This kit can be used as a complete package of ambulatory sampling, dressing(gauze, bandage) tools, phlebotomy etc. This kit has also two specific grooves for placing slide and slide mailer and its wells are as follows:

Wells Table

Well Diameter *	Well
Ø 10	2
Ø 14	8
Ø 16	5
Ø 24	1
Ø 40	1
Ø 48	1

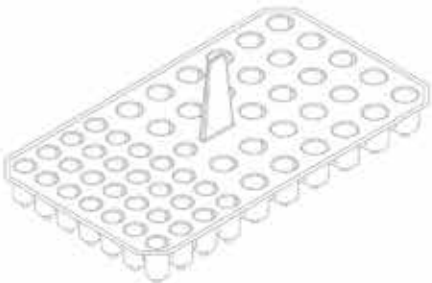
* millimeter

2 Container Kit

Appropriate to carrying different stool containers, urine sample containers, sampling tubes etc

- Wells in two sizes
- Suitable for carrying and storing containers with maximum diameter of 20mm (5pcs) and 50mm (7pcs)
- Suitable for carrying and storing stool and urine sample containers
- Made of polypropylene
- Autoclavable

3 Tube Kit



Appropriate to CBC tubes, Vacutainer tubes , and other sampling tubes

- Wells in two sizes
- Suitable for carrying and storing containers with maximum diameter of 13mm (29pcs) and 16mm (28pcs)
- Suitable for carrying and storing different sampling tubes
- Made of polypropylene
- Autoclavable

This case is available in 6 colors and this variety helps classifying the different samples and user can easily identify samples of different sectors at a glance.

With a general classification, Sending samples can be categorized in 3 classes:
a. Sending samples from different hospital wards to laboratory
b. Sending samples of Mobile-Med Paramedical services to laboratory
c. Sending samples from usual laboratories to superior ones.
Meanwhile, one of the most important points that should be taken care of is safely carrying and sending the sample to testing and processing site. Samples should arrive intact, in good condition and as much as possible , without leakage to laboratory. In most cases like giving emergency first aid to those who were having heart attack, got poisoned or bleeding etc, due to so many changes that happen in blood in a short time, maintaining the first blood sample is crucial and if it spoils, even preparing another sample cannot be as effective. That is because enzymes and other important materials in blood change fast so the blood sample of the first hour highly differs from the samples which are taken later.
To take the samples intact to laboratory, some principles should be considered:
Firstly, under no circumstances the samples should be interchanged or leaked in one another, if so, the test results will be erroneous and that may affect the medical diagnosis and eventually, the patient's destiny. Therefore, organizing and sorting samples, especially when transporting them, is of great importance.
Secondly, samples should not leak out because that means losing the sample which will also soil its surroundings. Since in most cases, because of the importance of time, samples are transported hurriedly and hastily, the possibility of them getting leaked is high. But it can be prevented by putting the samples in an appropriate and sustainable container. Thirdly, in many areas that hospital and laboratory facilities are too far from the patient's residence, the process of sampling should be performed there, visiting the patient. In this case, it is important to have different sampling tools and containers to prepare different samples. Else, it will be necessary to go to patient's residence and prepare new samples which is time consuming and detrimental to the patient
Therefore, P.I.P. has designed and produced a creative product which is utterly efficient.
Sample collection and transportation case is a simple but efficient instrument which can be vastly used for different purposes with changes in the internal applicable space. This case has three different internal kits which are removable and interchangeable and each one has different designs and numbers of wells. It is also applicable to be used in the cool boxes for temperature-sensitive samples. This case and the kits inside are all autoclavable and resistant to common disinfectants, laboratory chemicals and acids.

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