ORCHESTA™ AMBULATORY PUMP

Weighing only 180g, the OrchesTA model 500 pump (formerly Pegasus) is one of the most versatile pumps for ambulatory animal infusion. The peristaltic mechanism uses cost-efficient tube sets to deliver 0.1-100 ml/hr pulling from drug bags ranging from 50 to 300ml. The pumps are typically placed in the pocket of a Lomir jacket and the drug bag can be protected in a box.

Connect the model 500 pump with a cable to an OrchesTA pump transceiver and you can now control and monitor your infusion study remotely—limit human interaction with the animals, automate repetitive tasks and reduce the opportunities for programming and documentation errors.

Ideally suited for ambulatory infusion when placed in a jacket pocket. IV access is typically made through a subcutaneous port.

SPECIFICATIONS

Pump type	Linear peristaltic
Flow rates	0.1-100ml/hr
Accuracy	±5%
Pulse size	7µl
Alarms	Occlusion, bag empty, battery, others
Alarm mute	Yes
Battery	2 x AA
Battery life	~1000ml with 3000mAh lithium batteries
Dimensions	8.7x6.4x3.3cm
Weight	180g with batteries
CE Mark	Yes

NOTE: The OrchesTA model 500 version of this pump is not approved for human use.

Part No.	Description
OR-500-0001	OrchesTA model 500 peristaltic pump (PEGA® LAB; 0.1-100ml/hr)
OR-500-1000	OrchesTA model 500 peristaltic pump tube (PEGA® tube 10255)
OR-500-1205	OrchesTA model 500 drug bag, PVC, 50mL (PEGA® bag 14050)
OR-500-1210	OrchesTA model 500 drug bag, PVC, 100mL (PEGA® bag 14100)
OR-500-1215	OrchesTA model 500 drug bag, PVC, 150mL (PEGA® bag 14150)
OR-500-1230	OrchesTA model 500 drug bag, PVC, 300mL (PEGA® bag 14300)
OR-500-1405	OrchesTA model 500 plastic box for 50ml drug bag (PEGA® box 10405)
OR-500-1410	OrchesTA model 500 plastic box for 100ml drug bag (PEGA® box 10410)
OR-500-1415	OrchesTA model 500 plastic box for 150ml drug bag (PEGA® box 10415)
OR-500-1003	OrchesTA PT500 wireless transceiver for model 500 pump
OR-500-1080	OrchesTA PCT200 PC transceiver, programmed for model 500 pumps

Drug bags

Protective boxes attach to the bottom of the pump