

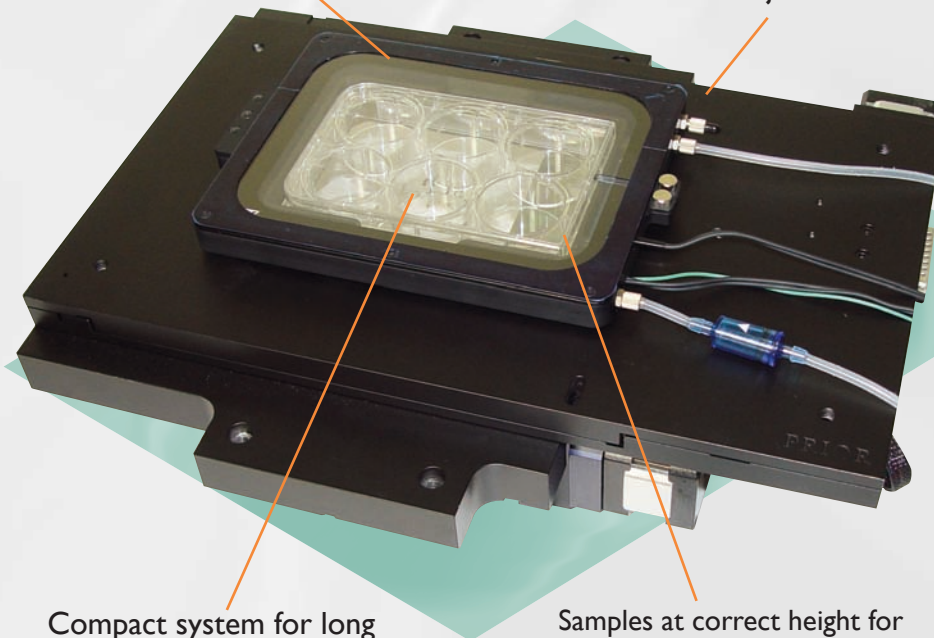
WSKM Incubation System

Incubation System for Prior Motorized Stages

Features

For use with microtiter plates, petri-dishes, chamber slides and chambered cover glass

Works with shorter working distance high NA objectives



Compact system for long term live cell imaging

Samples at correct height for optimum focusing

PRIOR
Scientific

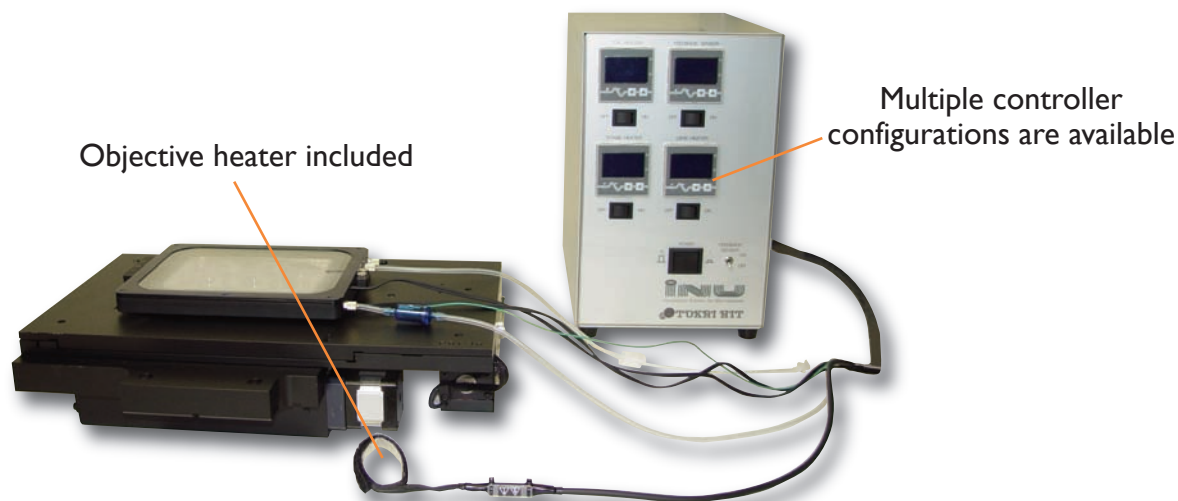
The WSKM Incubation System is specifically designed to work in conjunction with the Prior ProScan HI 17 flat top stage. The system places the sample in the proper focus position to provide maximum microscope functionality. The WSKM Incubation System provides a compact, long term stable environment for live cell imaging. The WSKM chamber unit is set up to handle various types of microtiter/well plates from six wells to 96 wells. Other applicable dishes including 35mm, 50mm and 60mm petri dishes, chamber slides, and chambered cover glass can be used by purchasing adapter inserts.

The WSKM incubation system comes in several variations. The base controller included with the WPI 154 INUBTFP-WSKM incubation system provides for control of temperature only.

The WPI 155 INUBTFP-WSKM-FI incubation system includes control for temperature and pre-mixed gas providing a constant temperature and CO² enriched environment extending the life of the growth medium during prolonged experiments. If Hypoxic studies are required, the WPI 156 INUBTFP-WSKM-GM2000A incubation system allows for the use of 100% CO².

By heating from the top and not the bottom of the well plate the WSKM allows the researcher closer access to the bottom of the well plate enabling the use of higher NA, shorter working distance objectives. Focus stability is maintained with the objective warmer that is included with every system. Real time sample temperature feedback maintains stable temperature throughout the experiment. Each feedback sensor supplied can be autoclaved between experiments.

WSKM Incubation System



Incubation Chambers for ProScan III H117 Stages

Part Number	Product Description
WP1154	INUBTFP-WSKM chamber and control unit with no gas supply function
WP1155	INUBTFP-WSKM-F1 chamber and control unit with a gas flowmeter for pre-mixed gas (for pre-mixed gas tank use). Power source: 100 - 240V.
WP1156	INUBTFP-WSKM-GM2000A chamber and control unit with digital gas mixer (for 100% CO ₂ tank use). Power source: 110 - 120V.

Sample Holders

Part Number	Product Description
WP1157	UNIV2-D35 for 35mm dish (included in incubator system as standard)
WP1158	Sample holder UNIV2-D56 - For 50/60mm dish (option)
WP1159	Sample holder UNIV2-CSG - For chamber slide (option)/chamber coverglass

Sensor Lid

Part Number	Product Description
WP1160	Sensor lid for 35mm petri dish D35-200F
WP1161	Sensor lid for chamber slide CS-200F
WP1162	Sensor lid for chambered cover glass CGC-200F
WP1163	Sensor lid for multi-well plate W-200F

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Specifications subject to change without notice.

