



Instrumentation



IMMCO[®]
DIAGNOSTICS

The IFAst system offers speed and flexibility in immunofluorescence slide processing. This fully automated system is capable of running multiple assays simultaneously on 16 IFA slides .

Setup requires minimal time and the assays execute quickly, allowing technicians to concentrate on demanding tasks that require their attention.

1.800.537.TEST (8378)

www.immcodiagnostics.com

60 Pineview Drive
Buffalo, New York 14228
1.716.691.0091
Fax: 1.716.691.0466

IFA TECHNICAL FEATURES

Sample predilution time	20 s for 1ml of washing solution
Sample dispensation time	9 s for 1ml of washing solution
Reagent dispensation time	42 s for a 12 well slide for 20 µl each, including washing of 1 ml with Buffer
Sample dispensation	CV < 2% at 100 µl (OD = 0.600)
Reagent dispensation	CV < 2% at 100 µl (OD = 0.600)
Supplied racks	1 sample rack for 150 specimens 2 predilution trays 1 slide rack with 16 positions for IFA slides 1 reagent rack for 15 controls, 8 conjugates, 1 wash solution, and 2 diluents for samples
Level sensor probe	Able to detect 150 µl
Slides washing	Uses 2 probes for the same well, one for dispensation and the other for aspiration

USER FRIENDLY ASSAY CONFIGURATION AND PROCESSING SOFTWARE

Software features	Manage 8 methods simultaneously Able to handle variable incubation times and dispensation volumes for samples and conjugates IFA assays may be run with or without counterstain Able to manage 10 user-programmed dilutions Serial dilution in 2 predilution tubes Simple review/printing of work list Simple review/printing of rack configurations showing positions of samples, reagents and slides On-line help Setting auto-save features
Slide configuration controls	Slide mask configuration Well shape and size configuration Total number of wells per slide Number of well rows (maximum is 2 per slide) Coordinates of the first and last well of each line
Washing controls	Able to set distance between probes by 1/10 mm steps Able to set distance between the dispensation probe tip and slide surface by 1/10 mm steps Able to set distance between the aspiration probe tip and slide surface by 1/10 mm steps Washing cycle duration from 1 to 10 s Number of washing cycles: 1 or 2 Dispensation pressure on the slide from 200 µl/s to 900 µl/s

Power requirements 230 or 115 VAC, 50-60 Hz, 500 W

Measurements cm 79 x 61 x 60 h

Weight 65 kg

1.800.537.TEST (8378)

www.immcodiagnostics.com

60 Pineview Drive
Buffalo, New York 14228
1.716.691.0091
Fax: 1.716.691.0466

IFAST MAR2005