

RTI Mover

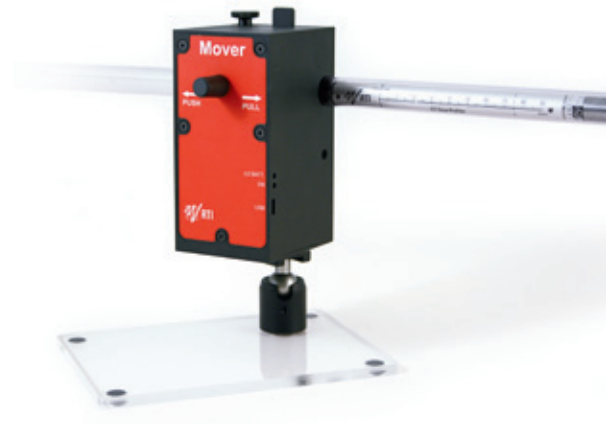


RTI

From Radiation
to Information

CT Dose Profiler in Motion

RTI provides a complete solution for making CT dose profile measurements of basically any length with the RTI Mover – for use with CT Dose Profiler together with the RTI Piranha. The RTI Mover is ideal for cone beam CT measurements.



World Headquarters

RTI Electronics AB
Flöjelbergsgatan 8 C
SE-431 37 Mölndal
SWEDEN

Phone: + 46 31 746 36 00
Fax: + 46 31 27 05 73
E-mail: sales@rti.se
www.rti.se

US Office

RTI Electronics, Inc.
33 Jacksonville Road, Bldg. 1
Towaco, NJ 07082
USA

Phone: 1-800-222-7537
Fax: 1-973-439-0248
E-mail: sales@rtielectronics.com
www.rtielectronics.com

**RTI**From Radiation
to Information

CT Dose Profiler Accessory

With the Mover from RTI, the full dose profile of any beam width can be measured, both free in air and in a phantom. This is perfect for cone beam CT (CBCT) where it is just as important as for normal CT to know that the width of the beam is correct due to the relatively high dose distribution.

In situations when the CT has a fixed patient table, the RTI Mover “moves” the RTI CT Dose Profiler through any X-ray field at a constant speed.

By moving the CT Profiler through the beam, measurements of Axial scans (and basically any X-ray field) are now possible.

It creates an accurate and easily reproducible way for CT technicians to measure all interesting dose parameters, geometric efficiency and the true beam width FWHM of basically any scan length.

With the CT Dose Profiler it takes less time and the number of measurements is limitless.

Applications for the RTI Mover and CT Dose Profiler include: Cone Beam CT, O-Arm, Rotating C-Arms, synergy and OBI.

Operating the Mover

Orientation of the RTI Mover can be performed manually or through software via RTI’s X-ray QA program – Ocean. It can push or pull a dose detector through any X-ray field with a selected speed.

Used together with RTI’s CT Dose Profiler, Ocean can control both the CT Dose Profiler and the Mover simultaneously, as well as analyzing, saving and auto generating reports.



CT Dose Profiler in Motion

Specifications

General

Supported software	Ocean version 2013.01.14.85 and later
Dimensions base unit	(L x W x H): 86 x 60 x 129 mm
Weight	1.3 kg
Force	5N
Power source	Battery, six 1.5 V batteries type LR6 (Size AA), alkaline or type HR6 chargeable NiMH.
Power on/off	Automatic
Range	0–330 mm
PC communication	USB

