Enhanced flow and IDR performance with CT motion SPICY

What is Iodine Delivery Rate (IDR)?

The injection protocols of the CT motion are programmed in terms of flow rate and volume. But also the contrast media concentration has an impact and thereby the IDR.
IDR represents **the amount of iodine delivered to the patient per second**, composed of flow rate and contrast media concentration.

IDR = Flow Rate × Concentration

Enhanced pressure perfomance for enhanced flow and IDR – CT motion SPICY benefits at a glance

- Enhanced flow and IDR due to enhanced pressure performance up to 22.4 bar (325 psi)
- For examinations with high flow rates and high contrast media viscosities

Maximum CT motion SPICY flow rate and IDR based on cannula size

Contrast media type	**Viscosity** in cP (37°C)**	**Cannula size** (gravity flow rate cannula): **18G** (100 ml/min)	**20G** (60 ml/min)	**22G** (35 ml/min)	**24G** (22 ml/min)
Omnipaque 300	6.1	10.0	10.0	7.2	5.0
Omnipaque 350	10.6	10.0	10.0	7.1	4.4
Visipaque 320	11.4	10.0	10.0	7.1	4.6
Ultravist 300	4.7	10.0	10.0	7.3	5.2
Ultravist 370	10.0	10.0	9.3	6.0	4.3
Imeron 400	12.6	10.0	8.8	6.5	4.4
Maximum Flow Rate* in ml/s		▲	▲	▲	▲

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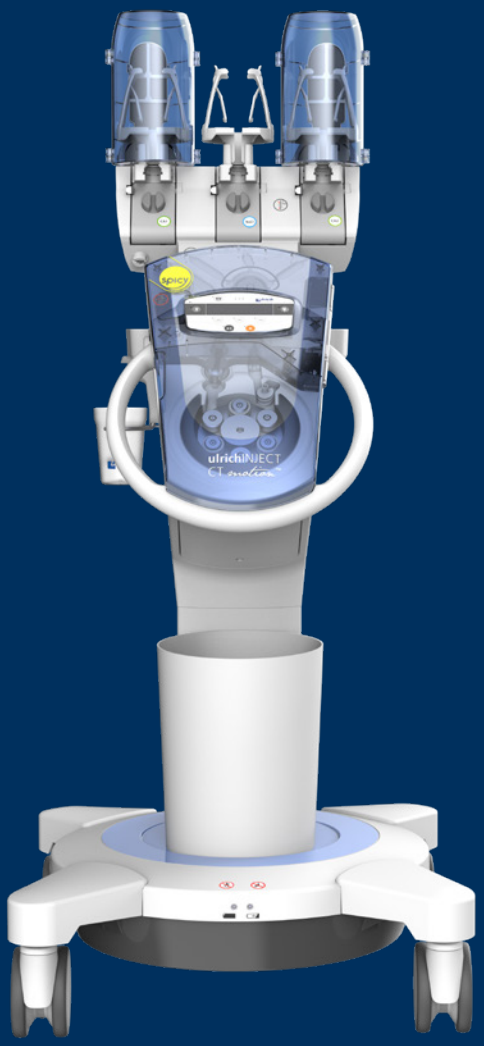
Omnipaque 300	6.1	3,000	3,000	2,160	1,500
Omnipaque 350	10.6	3,500	3,500	2,485	1,540
Visipaque 320	11.4	3,200	3,200	2,272	1,472
Ultravist 300	4.7	3,000	3,000	2,190	1,560
Ultravist 370	10.0	3,700	3,441	2,220	1,591
Imeron 400	12.6	4,000	3,520	2,600	1,760
Maximum Iodine Delivery Rate (IDR) in mg iodine/s		▲	▲	▲	▲

* The maximum flow rates were obtained with a CT motion SPICY (CM temperature: 37°C) and the parameters listed above.
** Measured in Centipoise (cP), prescribing information of CM manufacturer.

The ability of CT motion SPICY to achieve a wide range of IDRs provides the most flexibility for challenging studies.



CT contrast media injector CT motion SPICY

dedicated to you.

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