

Technical data	Unit Type Rating	<b>Mag. level gauge ITA-5.1 and ITA-5.1.0 PN16</b>	12.02.2007
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**Base equipment for mag. level gauge type ITA-5.1 and ITA-5.1.0**

Principle	: Communicating tubes with magnetic float
Mounting position	: Vertical
Measuring range	: <b>Max. 5000 mm (one part)</b> > 5000 mm 2- or multipart
Pipe size	: <b>60,3 x 2 mm welded,</b> 60,3 x 2 mm seamless, 2" Sch10,
Process connections	: to specify: R 1/2" threaded (up to PN40) Welding or threaded stud
Pipe material	: 316Ti Hasteloy C4 (2.4610) Inconel 625 (2.4856) Inconel 825 (2.4858) Titanium (3.7035) (Other pipe materials also available)
Flange material	: as pipe material ITA®-5.1.0 = Carbon steel
Float material	: 316Ti Titanium, Titanium/E-CTFE coated
Operation temperature	: -50 to + 400°C
Operation pressure	: Max. 40 bar
Density	: 0,639 kg/dm <sup>3</sup> * <b>min. 0,3987 kg/dm<sup>3</sup></b> <b>(depending on the float type)</b>
Bolts/Nuts	: A193/A194 B7/2H A193/A194 B8/M8 CS hot dipped galvanized SS
Gaskets:	: PTFE up to 100°C <b>Klingsil up to 400°C</b>
Indication rail	: Makrolon up to 120°C Aluminium up to 400°C 316SS up to 400°C
Float types:	: Cylindrical, sealed type
Dimensions	: <b>A = 240 mm*</b>

**Base Equipment printed bold!**

\* for densities < 0,639 kg/dm<sup>3</sup> enlarge the scale A

