

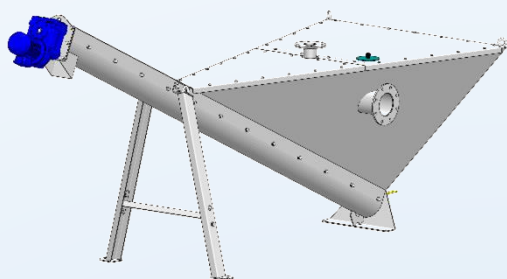
GRIT TREATMENT EQUIPMENT + PRiX.PLUS GRIT SEPARATORS

Grit in wastewater flow causes reduced treatment efficiency and increased maintenance costs. Grit and mineral material content in wastewater flow are very variable and can be contaminated with organic particles or other foreign matter similar to domestic waste. It is necessary to separate the grit and other mineral materials which are conveyed with the wastewater flow to achieve reliable operation conditions. The mineral matter should be removed but the organic matter therein should remain in the wastewater as much as possible.

It is important to select correct type and size of grit removal and separation equipment. Innovatek designs and produces grit removal and treatment equipment by using proven technologies based on 25 years of experience on equipment for wastewater treatment plants.

PRiX.PLUS (PRX+) Grit Classifier is used for separation of grit, sand or other settled solids from liquids to avoid operational problems downstream, for the recovery of recyclable matter and for hygienic removal of separated solids. The liquid-grit mixture is accepted in a prismatic settling tank and the separated matter accumulates at the bottom of the hopper and is removed by an inclined shaftless screw conveyor.

PRiX.PLUS (PRX+) has five different standard design sizes to accommodate different capacity requirements in a cost efficient and reliable way.



	Inlet Capacity (m ³ /h)	Grit Discharge (m ³ /h)
PRX+20	18	0,40
PRX+25	43	0,60
PRX+30	72	0,70
PRX+35	97	0,85
PRX+40	126	1,00
PRX+55	216	1,60