










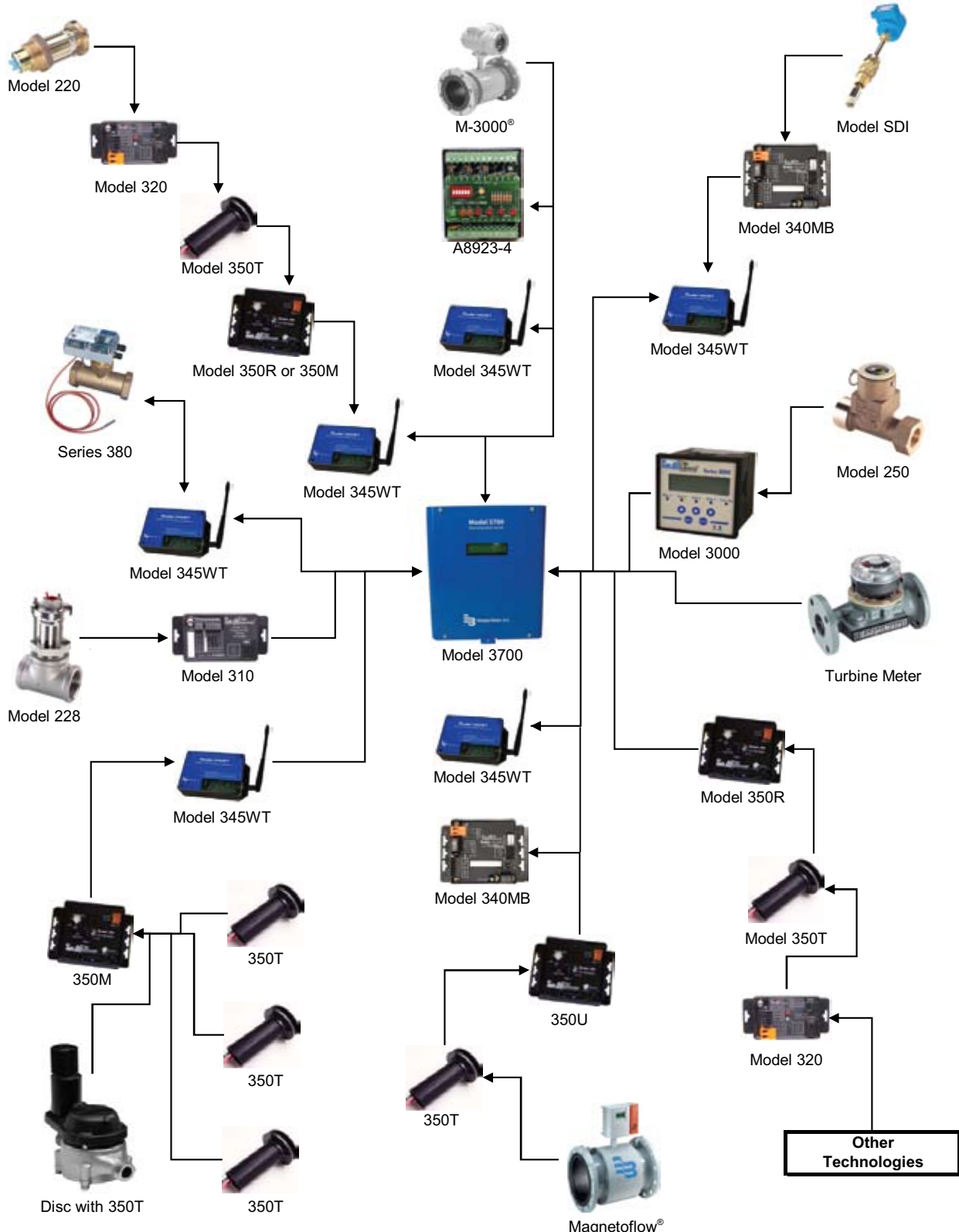
Badger® Data Acquisition System

Connection Devices and Sample Applications

Application Brief

<p>Model 3700 Data Acquisition Server</p> <ul style="list-style-type: none"> • Data is stored at 1 to 15 minute intervals • TCP/IP, ethernet based system • 8 Dynamic inputs that accept: <ul style="list-style-type: none"> - Pulses: 10hz or less - Voltage: 0-10 VDC - Resistance: 100 to 100k ohms - Current: 4-20 mA • RS485 input to connect to modbus devices 	
<p>Model 345WT Wireless Mesh Network Transceiver</p> <ul style="list-style-type: none"> • When used with additional 345WTs, a self healing mesh network is created • 2 Dry contact pulse inputs • Pulses: 50 hz or less • RS485 input to connect to modbus devices • 1500 feet indoor range - several mile outdoor range 	
<p>Series 380 Btu System</p> <ul style="list-style-type: none"> • Low cost btu meter • 3/4", 1", 1 1/4", 1 1/2", 2" sizes • Temperature probes included • Modbus or BACnet standard 	
<p>A8923-4 I/O Expansion Card</p> <ul style="list-style-type: none"> • Modbus based device • 4 dry contact pulse inputs • 4 current (4-20mA) inputs • Can be plugged into either a 345WT or 3700 	
<p>HD Pulse Input Card</p> <ul style="list-style-type: none"> • One Modbus address • 23 pulse inputs • 9-30 VDC powered • 4.13" x 3.39" x 1.18" 	
<p>350 Wireless System</p> <ul style="list-style-type: none"> • Dry contact pulse input • Updated value transmitted every 4 seconds • Receiver outputs value when received • Transmitter is battery powered 	
<p>Model 320 Pulse Transmitter</p> <ul style="list-style-type: none"> • 12-24 vdc or vac powered • Use to scale various sine or square wave inputs to a scaled pulse • This allows for many devices to connect to a 350T, 345WT, 3700, or A8923-4 	
<p>Model 340 Modbus Btu Transmitter</p> <ul style="list-style-type: none"> • Computes flow and temperature inputs to energy rate and total • Accepts RTD or Thermistor temperature probes • 12-24 vac or vdc - power supply sold separately • Modbus plug and play with Model 3700 	
<p>Model 3000 Flow Monitor</p> <ul style="list-style-type: none"> • Full feature monitor with multiple inputs and outputs • Panel or wall mount available • Modbus plug and play with Model 3700 	

Example Applications



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